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PROPERTY BOND AND NOTE VALUES

BANKERS TRUST COMPANY PUBLICATIONS



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Bankers Trust Company's Tables of Liberty Bond and Note Values

By

JOHN S. THOMPSON, F.I.A., F.F.A., F.A.S.

**Assistant Actuary of The Mutual Life
Insurance Company of New York**



New York

Bankers Trust Company

1919

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Preface

THE Bankers Trust Company's Tables of Liberty Bond and Note Values have been prepared to supply an obvious need in connection with dealings in United States Liberty bonds and notes.

Existing bond tables are very inconvenient to use in connection with such transactions. Most of them are arranged with a view to determining at what price a security must sell in order to yield a certain rate of income, instead of showing the yield at a given price. Moreover, Liberty bonds are quoted in tenths of a dollar while none of the existing tables are arranged so as to easily determine the income at such a price progression.

In view of these facts we found it desirable for our own use to compile tables which would make it possible at a glance to determine the yield at a given price and with the prices proceeding by steps of one-tenth. Bankers Trust Company's Tables, as now arranged, give the income from Liberty $3\frac{1}{2}\%$ bonds at an income range of 3% to 4% and for Liberty 4% and $4\frac{1}{4}\%$ bonds at an income range of 4% to $5\frac{1}{4}\%$.

For use in connection with the Victory Liberty notes and the Certificates of Indebtedness five year tables have been prepared for $3\frac{3}{4}\%$, $4\frac{1}{2}\%$ and $4\frac{3}{4}\%$ at an income range of from 3% to 5% . The income yields for these latter tables have been calculated for

time intervals of two months up to one year and thereafter by half years.

In order that the tables should be absolutely dependable we arranged for their compilation by Mr. John S. Thompson, Assistant Actuary of The Mutual Life Insurance Company of New York, who is particularly well qualified for this work because of his experience in making similar calculations for the use of his company. Mr. Thompson is a Fellow of the Institute of Actuaries of Great Britain, Fellow of the Faculty of Actuaries in Scotland and Fellow of the Actuarial Society of America.

The calculations were checked by Professor L. P. Eisenhart, Ph.D. of the Mathematics Department of Princeton University, who also read the proof sheets.

Believing that these tables would be of value to our corresponding banks and others who might have transactions in Liberty bonds and notes, we have had a limited edition printed for distribution to our friends.

Bankers Trust Company

New York, June 2, 1919.

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3½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	
110.0																110.0
109.9																109.9
109.8																109.8
109.7																109.7
109.6																109.6
109.5																109.5
109.4																109.4
109.3																109.3
109.2																109.2
109.1																109.1
109.0																109.0
108.9																108.9
108.8																108.8
108.7																108.7
108.6																108.6
108.5																108.5
108.4																108.4
108.3																108.3
108.2																108.2
108.1																108.1
108.0																108.0
107.9																107.9
107.8																107.8
107.7																107.7
107.6																107.6
107.5																107.5
107.4																107.4
107.3																107.3
107.2																107.2
107.1																107.1
107.0																107.0
106.9																106.9
106.8																106.8
106.7																106.7
106.6																106.6
106.5																106.5
106.4																106.4
106.3																106.3
106.2																106.2
106.1																106.1
106.0																106.0
105.9															3.00	105.9
105.8															3.01	105.8
105.7															3.00	105.7
105.6															3.01	105.6
105.5															3.00	105.5
105.4															3.01	105.4
105.3															3.02	105.3
105.2															3.03	105.2
105.1															3.04	105.1
105.0															3.05	105.0

Prices 105 to 100 these years—See page 5

3½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price	
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½		
110.0																110.0	
109.9																109.9	
109.8																109.8	
109.7																109.7	
109.6																109.6	
109.5																109.5	
109.4																109.4	
109.3																109.3	
109.2																109.2	
109.1																109.1	
109.0																109.0	
108.9																108.9	
108.8																108.8	
108.7																108.7	
108.6																108.6	
108.5																108.5	
108.4																108.4	
108.3																108.3	
108.2															3.00	108.2	
108.1															3.00	108.1	
108.0															3.00	3.01	108.0
107.9															3.00	3.01	107.9
107.8															3.00	3.01	107.8
107.7															3.00	3.01	107.7
107.6															3.00	3.01	107.6
107.5															3.00	3.01	107.5
107.4															3.00	3.01	107.4
107.3															3.00	3.01	107.3
107.2															3.00	3.01	107.2
107.1															3.00	3.01	107.1
107.0															3.00	3.01	107.0
106.9															3.00	3.01	106.9
106.8															3.00	3.01	106.8
106.7															3.00	3.01	106.7
106.6															3.00	3.01	106.6
106.5															3.00	3.01	106.5
106.4															3.00	3.01	106.4
106.3															3.00	3.01	106.3
106.2															3.00	3.01	106.2
106.1															3.00	3.01	106.1
106.0															3.00	3.01	106.0
105.9															3.00	3.01	105.9
105.8															3.00	3.01	105.8
105.7															3.00	3.01	105.7
105.6															3.00	3.01	105.6
105.5															3.00	3.01	105.5
105.4															3.00	3.01	105.4
105.3															3.00	3.01	105.3
105.2															3.00	3.01	105.2
105.1															3.00	3.01	105.1
105.0															3.00	3.01	105.0

Prices 105 to 100 these years—See page 6

3 1/2% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
110.0																110.0	
109.9															3.00	109.9	
109.8															3.00	109.8	
109.7															3.00	109.7	
109.6													3.00	3.00	3.01	109.6	
109.5												3.00	3.00	3.01	3.01	109.5	
109.4											3.00	3.00	3.01	3.01	3.02	109.4	
109.3										3.00	3.00	3.01	3.01	3.02	3.02	109.3	
109.2										3.00	3.00	3.01	3.01	3.02	3.02	109.2	
109.1									3.00	3.00	3.01	3.01	3.02	3.02	3.03	109.1	
109.0								3.00	3.00	3.01	3.01	3.02	3.02	3.03	3.03	109.0	
108.9							3.00	3.00	3.01	3.01	3.02	3.02	3.03	3.03	3.04	108.9	
108.8							3.00	3.00	3.01	3.01	3.02	3.02	3.03	3.03	3.04	108.8	
108.7							3.00	3.00	3.01	3.01	3.02	3.02	3.03	3.03	3.04	108.7	
108.6							3.00	3.00	3.01	3.01	3.02	3.02	3.03	3.03	3.04	108.6	
108.5																108.5	
108.4																108.4	
108.3																108.3	
108.2																108.2	
108.1																108.1	
108.0																108.0	
107.9																107.9	
107.8																107.8	
107.7																107.7	
107.6																107.6	
107.5																107.5	
107.4																107.4	
107.3																107.3	
107.2																107.2	
107.1																107.1	
107.0																107.0	
106.9																106.9	
106.8																106.8	
106.7																106.7	
106.6																106.6	
106.5																106.5	
106.4																106.4	
106.3																106.3	
106.2																106.2	
106.1																106.1	
106.0																106.0	
105.9																105.9	
105.8																105.8	
105.7																105.7	
105.6																105.6	
105.5																105.5	
105.4																105.4	
105.3																105.3	
105.2																105.2	
105.1																105.1	
105.0																105.0	

Prices 105 to 100 these years—See page 7

3½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	½	1	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	
105.0																105.0
104.9																104.9
104.8																104.8
104.7																104.7
104.6																104.6
104.5																104.5
104.4																104.4
104.3																104.3
104.2																104.2
104.1																104.1
104.0																104.0
103.9																103.9
103.8																103.8
103.7																103.7
103.6																103.6
103.5																103.5
103.4															3.00	103.4
103.3															2.99 3.02	103.3
103.2															3.01 3.03	103.2
103.1																103.1
103.0															2.99 3.02 3.05	103.0
102.9															3.01 3.03 3.06	102.9
102.8															3.02 3.05 3.08	102.8
102.7															3.00 3.04 3.07 3.09	102.7
102.6															3.02 3.06 3.08 3.11	102.6
102.5															3.00 3.04 3.07 3.10 3.12	102.5
102.4															3.02 3.06 3.09 3.12 3.14	102.4
102.3															3.00 3.04 3.08 3.11 3.13 3.15	102.3
102.2															3.02 3.06 3.10 3.12 3.15 3.17	102.2
102.1															3.00 3.04 3.08 3.11 3.14 3.16 3.18	102.1
102.0															3.02 3.07 3.10 3.13 3.16 3.18 3.20	102.0
101.9															2.99 3.05 3.09 3.12 3.15 3.18 3.19 3.21	101.9
101.8															3.02 3.07 3.11 3.14 3.17 3.19 3.21 3.23	101.8
101.7															2.99 3.05 3.09 3.13 3.16 3.19 3.21 3.23 3.24	101.7
101.6															3.02 3.07 3.12 3.15 3.18 3.21 3.23 3.24 3.26	101.6
101.5															2.97 3.05 3.10 3.14 3.17 3.20 3.22 3.24 3.26 3.27	101.5
101.4															3.01 3.08 3.13 3.16 3.20 3.22 3.24 3.26 3.28 3.29	101.4
101.3															3.04 3.11 3.15 3.19 3.22 3.24 3.26 3.28 3.29 3.30	101.3
101.2															3.00 3.08 3.14 3.18 3.21 3.24 3.26 3.28 3.29 3.31 3.32	101.2
101.1															3.04 3.11 3.17 3.21 3.24 3.26 3.28 3.30 3.31 3.32 3.33	101.1
101.0															2.98 3.08 3.15 3.20 3.23 3.26 3.28 3.30 3.31 3.33 3.34 3.35	101.0
100.9															3.03 3.12 3.18 3.23 3.26 3.28 3.30 3.32 3.33 3.35 3.36 3.36	100.9
100.8															2.95 3.08 3.17 3.22 3.26 3.29 3.31 3.33 3.34 3.35 3.36 3.37 3.38	100.8
100.7															3.02 3.14 3.21 3.25 3.29 3.31 3.33 3.35 3.36 3.37 3.38 3.39 3.39	100.7
100.6															3.09 3.19 3.25 3.29 3.32 3.34 3.36 3.37 3.38 3.39 3.40 3.40 3.41	100.6
100.5															2.99 3.16 3.24 3.29 3.32 3.35 3.37 3.38 3.39 3.40 3.41 3.41 3.42 3.42	100.5
100.4															3.09 3.22 3.29 3.33 3.36 3.38 3.39 3.40 3.41 3.42 3.43 3.43 3.44 3.44	100.4
100.3															2.89 3.19 3.29 3.34 3.37 3.39 3.41 3.42 3.43 3.43 3.44 3.44 3.45 3.45 3.45	100.3
100.2															3.09 3.29 3.36 3.40 3.42 3.43 3.44 3.45 3.45 3.46 3.46 3.47 3.47 3.47	100.2
100.1															3.30 3.40 3.43 3.45 3.46 3.46 3.47 3.47 3.48 3.48 3.48 3.48 3.48 3.48	100.1
100.0															3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50 3.50	100.0

Prices 100 to 95 these years—See page 8

3 1/2% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	
105.0									3.00	3.02	3.03	3.05	3.06	3.07	3.08	105.0
104.9									3.01	3.03	3.04	3.06	3.07	3.08	3.09	104.9
104.8								3.00	3.02	3.04	3.05	3.07	3.08	3.09	3.10	104.8
104.7							3.00	3.01	3.03	3.05	3.06	3.07	3.09	3.10	3.11	104.7
104.6							3.01	3.02	3.04	3.05	3.07	3.08	3.09	3.10	3.11	104.6
104.5						3.00	3.02	3.03	3.05	3.06	3.08	3.09	3.10	3.11	3.12	104.5
104.4						3.01	3.03	3.04	3.06	3.07	3.09	3.10	3.11	3.12	3.13	104.4
104.3					3.00	3.02	3.04	3.05	3.07	3.08	3.10	3.11	3.12	3.13	3.14	104.3
104.2					3.01	3.03	3.05	3.06	3.08	3.09	3.10	3.12	3.13	3.14	3.15	104.2
104.1				3.00	3.02	3.04	3.06	3.07	3.09	3.10	3.11	3.13	3.14	3.15	3.16	104.1
104.0				3.01	3.03	3.05	3.07	3.08	3.10	3.11	3.12	3.13	3.14	3.15	3.16	104.0
103.9			3.00	3.02	3.05	3.06	3.08	3.09	3.11	3.12	3.13	3.14	3.15	3.16	3.17	103.9
103.8			3.01	3.04	3.06	3.07	3.09	3.10	3.12	3.13	3.14	3.15	3.16	3.17	3.18	103.8
103.7		3.00	3.03	3.05	3.07	3.09	3.10	3.11	3.13	3.14	3.15	3.16	3.17	3.18	3.19	103.7
103.6		3.02	3.04	3.06	3.08	3.10	3.11	3.12	3.14	3.15	3.16	3.17	3.18	3.19	3.20	103.6
103.5	3.00	3.03	3.05	3.07	3.09	3.11	3.12	3.14	3.15	3.16	3.17	3.18	3.19	3.20	3.21	103.5
103.4	3.02	3.04	3.06	3.08	3.10	3.12	3.13	3.15	3.16	3.17	3.18	3.19	3.20	3.21	3.22	103.4
103.3	3.03	3.06	3.08	3.10	3.11	3.13	3.14	3.16	3.17	3.18	3.19	3.20	3.21	3.22	3.23	103.3
103.2	3.05	3.07	3.09	3.11	3.13	3.14	3.15	3.17	3.18	3.19	3.20	3.21	3.22	3.23	3.24	103.2
103.1	3.06	3.08	3.10	3.12	3.14	3.15	3.16	3.18	3.19	3.20	3.21	3.22	3.23	3.24	3.25	103.1
103.0	3.07	3.10	3.11	3.13	3.15	3.16	3.17	3.19	3.20	3.21	3.22	3.23	3.24	3.25	3.26	103.0
102.9	3.09	3.11	3.13	3.14	3.16	3.17	3.18	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	102.9
102.8	3.10	3.12	3.14	3.16	3.17	3.18	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	102.8
102.7	3.12	3.14	3.15	3.17	3.18	3.20	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	102.7
102.6	3.13	3.15	3.17	3.18	3.19	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	102.6
102.5	3.14	3.16	3.18	3.19	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	102.5
102.4	3.16	3.18	3.19	3.21	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	102.4
102.3	3.17	3.19	3.20	3.22	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	102.3
102.2	3.19	3.20	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	102.2
102.1	3.20	3.21	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	102.1
102.0	3.21	3.23	3.24	3.25	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	102.0
101.9	3.23	3.24	3.25	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	101.9
101.8	3.24	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	101.8
101.7	3.26	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	101.7
101.6	3.27	3.28	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	101.6
101.5	3.29	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	101.5
101.4	3.30	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	101.4
101.3	3.31	3.32	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	101.3
101.2	3.33	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	101.2
101.1	3.34	3.35	3.36	3.37	3.38	3.39	3.40	3.41	3.42	3.43	3.44	3.45	3.46	3.47	3.48	101.1
101.0	3.36	3.36	3.37	3.38	3.38	3.39	3.39	3.40	3.40	3.40	3.41	3.41	3.42	3.42	3.43	101.0
100.9	3.37	3.38	3.38	3.39	3.39	3.40	3.40	3.40	3.41	3.41	3.41	3.42	3.42	3.43	3.43	100.9
100.8	3.39	3.39	3.40	3.40	3.40	3.41	3.41	3.41	3.42	3.42	3.42	3.43	3.43	3.44	3.44	100.8
100.7	3.40	3.40	3.41	3.41	3.42	3.42	3.42	3.42	3.43	3.43	3.43	3.44	3.44	3.44	3.45	100.7
100.6	3.41	3.42	3.42	3.43	3.43	3.43	3.43	3.44	3.44	3.44	3.44	3.45	3.45	3.46	3.46	100.6
100.5	3.43	3.43	3.44	3.44	3.44	3.44	3.44	3.45	3.45	3.45	3.45	3.46	3.46	3.46	3.47	100.5
100.4	3.44	3.45	3.45	3.45	3.45	3.45	3.46	3.46	3.46	3.46	3.46	3.47	3.47	3.47	3.48	100.4
100.3	3.46	3.46	3.46	3.46	3.46	3.47	3.47	3.47	3.47	3.47	3.47	3.48	3.48	3.48	3.49	100.3
100.2	3.47	3.47	3.47	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.49	3.49	3.49	3.50	100.2
100.1	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.50	3.50	3.50	3.51	100.1
100.0	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.51	100.0

Prices 100 to 95 these years—See page 9

3½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½		
105.0	3.09	3.10	3.11	3.12	3.13	3.13	3.14	3.15	3.15	3.16	3.17	3.17	3.18	3.18	3.19	105.0	
104.9	3.10	3.11	3.11	3.12	3.13	3.13	3.14	3.15	3.15	3.16	3.17	3.17	3.18	3.18	3.19	104.9	
104.8	3.11	3.12	3.13	3.13	3.14	3.15	3.15	3.16	3.17	3.17	3.18	3.18	3.19	3.19	3.20	104.8	
104.7	3.12	3.13	3.13	3.14	3.15	3.16	3.16	3.17	3.17	3.18	3.19	3.19	3.20	3.20	3.20	104.7	
104.6	3.12	3.13	3.14	3.15	3.16	3.16	3.17	3.18	3.18	3.19	3.19	3.20	3.20	3.21	3.21	104.6	
104.5	3.13	3.14	3.15	3.16	3.16	3.17	3.18	3.18	3.19	3.19	3.20	3.20	3.21	3.21	3.22	104.5	
104.4	3.14	3.15	3.16	3.16	3.17	3.18	3.18	3.19	3.19	3.20	3.20	3.21	3.21	3.22	3.22	104.4	
104.3	3.15	3.16	3.16	3.17	3.18	3.18	3.19	3.20	3.20	3.21	3.21	3.22	3.22	3.23	3.23	104.3	
104.2	3.16	3.16	3.17	3.18	3.19	3.19	3.20	3.20	3.21	3.21	3.22	3.22	3.23	3.23	3.24	104.2	
104.1	3.16	3.17	3.18	3.19	3.19	3.20	3.21	3.21	3.22	3.22	3.23	3.23	3.24	3.24	3.24	104.1	
104.0	3.17	3.18	3.19	3.19	3.20	3.21	3.21	3.22	3.22	3.23	3.23	3.24	3.24	3.24	3.25	104.0	
103.9	3.18	3.19	3.20	3.20	3.21	3.21	3.22	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.25	103.9	
103.8	3.19	3.20	3.20	3.21	3.21	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.26	3.26	3.26	103.8	
103.7	3.20	3.20	3.21	3.22	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.26	3.26	3.27	3.27	103.7	
103.6	3.20	3.21	3.22	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.26	3.26	3.27	3.27	3.27	103.6	
103.5	3.21	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.26	3.26	3.26	3.27	3.27	3.28	3.28	103.5	
103.4	3.22	3.23	3.23	3.24	3.24	3.25	3.25	3.26	3.26	3.27	3.27	3.28	3.28	3.28	3.28	103.4	
103.3	3.23	3.24	3.24	3.25	3.25	3.26	3.26	3.27	3.27	3.28	3.28	3.28	3.29	3.29	3.29	103.3	
103.2	3.24	3.24	3.25	3.25	3.26	3.26	3.27	3.27	3.28	3.28	3.28	3.29	3.29	3.29	3.30	103.2	
103.1	3.24	3.25	3.26	3.26	3.27	3.27	3.28	3.28	3.29	3.29	3.29	3.30	3.30	3.30	3.30	103.1	
103.0	3.25	3.26	3.26	3.27	3.27	3.28	3.28	3.29	3.29	3.29	3.30	3.30	3.31	3.31	3.31	103.0	
102.9	3.26	3.27	3.27	3.28	3.28	3.29	3.29	3.29	3.30	3.30	3.30	3.31	3.31	3.31	3.31	102.9	
102.8	3.27	3.28	3.28	3.29	3.29	3.30	3.30	3.30	3.31	3.31	3.31	3.32	3.32	3.32	3.32	102.8	
102.7	3.28	3.28	3.29	3.29	3.30	3.30	3.31	3.31	3.31	3.32	3.32	3.32	3.33	3.33	3.33	102.7	
102.6	3.28	3.29	3.29	3.30	3.30	3.31	3.31	3.31	3.32	3.32	3.33	3.33	3.33	3.33	3.33	102.6	
102.5	3.29	3.30	3.30	3.31	3.31	3.32	3.32	3.32	3.33	3.33	3.33	3.33	3.34	3.34	3.34	102.5	
102.4	3.30	3.30	3.31	3.31	3.32	3.32	3.33	3.33	3.33	3.33	3.34	3.34	3.34	3.34	3.35	102.4	
102.3	3.31	3.31	3.32	3.32	3.33	3.33	3.33	3.34	3.34	3.34	3.34	3.35	3.35	3.35	3.35	102.3	
102.2	3.32	3.32	3.32	3.33	3.33	3.34	3.34	3.34	3.35	3.35	3.35	3.35	3.36	3.36	3.36	102.2	
102.1	3.32	3.33	3.33	3.34	3.34	3.34	3.35	3.35	3.35	3.36	3.36	3.36	3.36	3.36	3.37	102.1	
102.0	3.33	3.34	3.34	3.34	3.35	3.35	3.35	3.36	3.36	3.36	3.36	3.37	3.37	3.37	3.37	102.0	
101.9	3.34	3.34	3.35	3.35	3.36	3.36	3.36	3.37	3.37	3.37	3.37	3.38	3.38	3.38	3.38	101.9	
101.8	3.35	3.35	3.36	3.36	3.36	3.37	3.37	3.37	3.38	3.38	3.38	3.38	3.38	3.38	3.38	101.8	
101.7	3.36	3.36	3.36	3.37	3.37	3.37	3.38	3.38	3.38	3.38	3.38	3.39	3.39	3.39	3.39	101.7	
101.6	3.37	3.37	3.37	3.38	3.38	3.38	3.38	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.40	101.6	
101.5	3.37	3.38	3.38	3.38	3.39	3.39	3.39	3.39	3.39	3.40	3.40	3.40	3.40	3.40	3.40	101.5	
101.4	3.38	3.39	3.39	3.39	3.39	3.40	3.40	3.40	3.40	3.40	3.40	3.41	3.41	3.41	3.41	101.4	
101.3	3.39	3.39	3.40	3.40	3.40	3.40	3.40	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.42	101.3	
101.2	3.40	3.40	3.40	3.41	3.41	3.41	3.41	3.41	3.41	3.42	3.42	3.42	3.42	3.42	3.42	101.2	
101.1	3.41	3.41	3.41	3.41	3.42	3.42	3.42	3.42	3.42	3.42	3.43	3.43	3.43	3.43	3.43	101.1	
101.0	3.42	3.42	3.42	3.42	3.42	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.44	101.0	
100.9	3.42	3.43	3.43	3.43	3.43	3.43	3.43	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	100.9	
100.8	3.43	3.43	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.45	3.45	3.45	3.45	3.45	100.8	
100.7	3.44	3.44	3.44	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.46	100.7	
100.6	3.45	3.45	3.45	3.45	3.45	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	100.6	
100.5	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.47	3.47	3.47	3.47	3.47	3.47	100.5	
100.4	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	100.4	
100.3	3.47	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	100.3	
100.2	3.48	3.48	3.48	3.48	3.48	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	100.2	
100.1	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	100.1	
100.0	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	100.0	

Prices 100 to 95 these years—See page 10

3 1/2% Bond—Interest payable semi-annually**RATES OF INTEREST REALIZED**

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
105.0	3.19	3.20	3.20	3.20	3.21	3.21	3.22	3.22	3.22	3.22	3.23	3.23	3.23	3.24	3.24	105.0	
104.9	3.20	3.20	3.21	3.21	3.21	3.21	3.22	3.22	3.22	3.23	3.23	3.23	3.24	3.24	3.24	104.9	
104.8	3.20	3.21	3.21	3.21	3.22	3.22	3.22	3.23	3.23	3.23	3.23	3.24	3.24	3.24	3.25	104.8	
104.7	3.21	3.21	3.22	3.22	3.22	3.23	3.23	3.23	3.23	3.24	3.24	3.24	3.24	3.25	3.25	104.7	
104.6	3.21	3.22	3.22	3.23	3.23	3.23	3.23	3.24	3.24	3.24	3.25	3.25	3.25	3.25	3.26	104.6	
104.5	3.22	3.23	3.23	3.23	3.23	3.24	3.24	3.24	3.25	3.25	3.25	3.25	3.26	3.26	3.26	104.5	
104.4	3.23	3.23	3.24	3.24	3.24	3.24	3.25	3.25	3.25	3.26	3.26	3.26	3.26	3.27	3.27	104.4	
104.3	3.23	3.24	3.24	3.24	3.24	3.25	3.25	3.26	3.26	3.26	3.26	3.27	3.27	3.27	3.27	104.3	
104.2	3.24	3.24	3.25	3.25	3.25	3.26	3.26	3.26	3.26	3.27	3.27	3.27	3.28	3.28	3.28	104.2	
104.1	3.25	3.25	3.26	3.26	3.26	3.26	3.27	3.27	3.27	3.27	3.27	3.28	3.28	3.28	3.28	104.1	
104.0	3.25	3.26	3.26	3.26	3.27	3.27	3.27	3.27	3.27	3.28	3.28	3.28	3.28	3.29	3.29	104.0	
103.9	3.26	3.26	3.27	3.27	3.27	3.27	3.28	3.28	3.28	3.28	3.29	3.29	3.29	3.29	3.30	103.9	
103.8	3.26	3.27	3.27	3.27	3.28	3.28	3.28	3.28	3.28	3.29	3.29	3.29	3.29	3.30	3.30	103.8	
103.7	3.27	3.27	3.28	3.28	3.28	3.28	3.28	3.29	3.29	3.29	3.30	3.30	3.30	3.30	3.31	103.7	
103.6	3.28	3.28	3.28	3.29	3.29	3.29	3.29	3.29	3.30	3.30	3.30	3.30	3.30	3.31	3.31	103.6	
103.5	3.28	3.29	3.29	3.29	3.29	3.30	3.30	3.30	3.30	3.31	3.31	3.31	3.31	3.31	3.32	103.5	
103.4	3.29	3.29	3.29	3.30	3.30	3.30	3.30	3.31	3.31	3.31	3.31	3.31	3.32	3.32	3.32	103.4	
103.3	3.29	3.30	3.30	3.30	3.30	3.31	3.31	3.31	3.31	3.32	3.32	3.32	3.32	3.32	3.33	103.3	
103.2	3.30	3.30	3.30	3.31	3.31	3.31	3.31	3.32	3.32	3.32	3.32	3.33	3.33	3.33	3.33	103.2	
103.1	3.30	3.31	3.31	3.31	3.31	3.32	3.32	3.32	3.32	3.33	3.33	3.33	3.33	3.33	3.34	103.1	
103.0	3.31	3.31	3.32	3.32	3.32	3.32	3.33	3.33	3.33	3.33	3.33	3.34	3.34	3.34	3.34	103.0	
102.9	3.32	3.32	3.32	3.33	3.33	3.33	3.33	3.33	3.34	3.34	3.34	3.34	3.34	3.34	3.35	102.9	
102.8	3.32	3.33	3.33	3.33	3.33	3.33	3.34	3.34	3.34	3.34	3.34	3.35	3.35	3.35	3.35	102.8	
102.7	3.33	3.33	3.33	3.34	3.34	3.34	3.34	3.34	3.35	3.35	3.35	3.35	3.35	3.35	3.36	102.7	
102.6	3.34	3.34	3.34	3.34	3.35	3.35	3.35	3.35	3.35	3.35	3.36	3.36	3.36	3.36	3.36	102.6	
102.5	3.34	3.35	3.35	3.35	3.35	3.35	3.36	3.36	3.36	3.36	3.36	3.36	3.37	3.37	3.37	102.5	
102.4	3.35	3.35	3.35	3.36	3.36	3.36	3.36	3.36	3.36	3.37	3.37	3.37	3.37	3.37	3.37	102.4	
102.3	3.35	3.36	3.36	3.36	3.36	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.38	3.38	3.38	102.3	
102.2	3.36	3.36	3.37	3.37	3.37	3.37	3.37	3.37	3.37	3.38	3.38	3.38	3.38	3.38	3.38	102.2	
102.1	3.37	3.37	3.37	3.37	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.39	3.39	3.39	102.1	
102.0	3.37	3.38	3.38	3.38	3.38	3.38	3.38	3.38	3.39	3.39	3.39	3.39	3.39	3.39	3.39	102.0	
101.9	3.38	3.38	3.38	3.39	3.39	3.39	3.39	3.39	3.39	3.39	3.40	3.40	3.40	3.40	3.40	101.9	
101.8	3.39	3.39	3.39	3.39	3.39	3.39	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	101.8	
101.7	3.39	3.39	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.40	3.41	3.41	3.41	3.41	3.41	101.7	
101.6	3.40	3.40	3.40	3.40	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	101.6	
101.5	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.41	3.42	3.42	3.42	3.42	3.42	3.42	3.42	101.5	
101.4	3.41	3.41	3.41	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.43	101.4	
101.3	3.42	3.42	3.42	3.42	3.42	3.42	3.42	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	101.3	
101.2	3.42	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.43	3.44	3.44	101.2	
101.1	3.43	3.43	3.43	3.43	3.43	3.43	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	101.1	
101.0	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.44	3.45	3.45	3.45	101.0	
100.9	3.44	3.44	3.44	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	100.9	
100.8	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.45	3.46	3.46	3.46	3.46	3.46	3.46	100.8	
100.7	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	3.46	100.7	
100.6	3.46	3.46	3.46	3.46	3.46	3.46	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	100.6	
100.5	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	3.47	100.5	
100.4	3.47	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	100.4	
100.3	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	3.48	100.3	
100.2	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	100.2	
100.1	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	3.49	100.1	
100.0	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	100.0	

3½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price	
	½	1	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½		
100.0	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	100.0	
99.9	3.70	3.60	3.57	3.55	3.54	3.54	3.53	3.53	3.52	3.52	3.52	3.52	3.52	3.52	3.52	99.9	
99.8	3.91	3.71	3.64	3.60	3.58	3.57	3.56	3.55	3.55	3.54	3.54	3.54	3.53	3.53	3.53	99.8	
99.7	4.11	3.81	3.71	3.66	3.63	3.61	3.59	3.58	3.57	3.57	3.56	3.56	3.55	3.55	3.55	99.7	
99.6		3.91	3.78	3.71	3.67	3.64	3.62	3.61	3.60	3.59	3.58	3.58	3.57	3.57	3.56	99.6	
99.5		4.02	3.85	3.76	3.71	3.68	3.65	3.64	3.62	3.61	3.60	3.59	3.59	3.58	3.58	99.5	
99.4			3.92	3.81	3.75	3.71	3.68	3.66	3.65	3.63	3.62	3.61	3.60	3.60	3.59	99.4	
99.3			3.99	3.87	3.80	3.75	3.72	3.69	3.67	3.66	3.64	3.63	3.62	3.61	3.61	99.3	
99.2			4.06	3.92	3.84	3.78	3.75	3.72	3.70	3.68	3.66	3.65	3.64	3.63	3.62	99.2	
99.1				3.97	3.88	3.82	3.78	3.74	3.72	3.70	3.68	3.67	3.66	3.65	3.64	99.1	
99.0				4.03	3.92	3.86	3.81	3.77	3.74	3.72	3.70	3.69	3.67	3.66	3.65	99.0	
98.9					3.97	3.89	3.84	3.80	3.77	3.74	3.72	3.71	3.69	3.68	3.67	98.9	
98.8					4.01	3.93	3.87	3.83	3.79	3.77	3.74	3.73	3.71	3.70	3.69	98.8	
98.7						3.96	3.90	3.85	3.82	3.79	3.76	3.74	3.73	3.71	3.70	98.7	
98.6						4.00	3.93	3.88	3.84	3.81	3.78	3.76	3.75	3.73	3.72	98.6	
98.5							3.96	3.91	3.87	3.83	3.80	3.78	3.76	3.75	3.73	98.5	
98.4							4.00	3.94	3.89	3.86	3.82	3.80	3.78	3.76	3.75	98.4	
98.3								3.96	3.92	3.88	3.84	3.82	3.80	3.78	3.76	98.3	
98.2								3.99	3.94	3.90	3.87	3.84	3.82	3.80	3.78	98.2	
98.1								4.02	3.97	3.92	3.89	3.86	3.83	3.81	3.79	98.1	
98.0									3.99	3.94	3.91	3.88	3.85	3.83	3.81	98.0	
97.9									4.02	3.97	3.93	3.90	3.87	3.85	3.83	97.9	
97.8										3.99	3.95	3.91	3.89	3.86	3.84	97.8	
97.7										4.01	3.97	3.93	3.90	3.88	3.86	97.7	
97.6											3.99	3.95	3.92	3.90	3.87	97.6	
97.5											4.01	3.97	3.94	3.91	3.89	97.5	
97.4												3.99	3.96	3.93	3.90	97.4	
97.3												4.01	3.98	3.95	3.92	97.3	
97.2													3.99	3.96	3.93	97.2	
97.1													4.01	3.98	3.95	97.1	
97.0																97.0	
96.9															4.00	3.97	96.9
96.8																3.98	96.8
96.7																	96.7
96.6																	96.6
96.5																	96.5
96.4																	96.4
96.3																	96.3
96.2																	96.2
96.1																	96.1
96.0																	96.0
95.9																	95.9
95.8																	95.8
95.7																	95.7
95.6																	95.6
95.5																	95.5
95.4																	95.4
95.3																	95.3
95.2																	95.2
95.1																	95.1
95.0																	95.0
Rates of interest realized above 4%																	
not tabulated																	
95.9																	95.9
95.8																	95.8
95.7																	95.7
95.6																	95.6
95.5																	95.5
95.4																	95.4
95.3																	95.3
95.2																	95.2
95.1																	95.1
95.0																	95.0

Rates of interest realized above 4%
not tabulated

3 1/2% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	
100.0	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	100.0
99.9	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	99.9
99.8	3.53	3.53	3.53	3.53	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	99.8
99.7	3.54	3.54	3.54	3.54	3.54	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	99.7
99.6	3.56	3.56	3.55	3.55	3.55	3.55	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.53	99.6
99.5	3.57	3.57	3.57	3.56	3.56	3.56	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.54	3.54	99.5
99.4	3.59	3.58	3.58	3.58	3.57	3.57	3.57	3.56	3.56	3.56	3.56	3.56	3.55	3.55	3.55	99.4
99.3	3.60	3.60	3.59	3.59	3.58	3.58	3.58	3.57	3.57	3.57	3.56	3.56	3.56	3.55	3.55	99.3
99.2	3.62	3.61	3.61	3.60	3.60	3.59	3.59	3.59	3.58	3.58	3.58	3.57	3.57	3.57	3.57	99.2
99.1	3.63	3.62	3.62	3.61	3.61	3.60	3.60	3.60	3.59	3.59	3.59	3.58	3.58	3.58	3.58	99.1
99.0	3.65	3.64	3.63	3.63	3.62	3.62	3.61	3.61	3.60	3.60	3.60	3.59	3.59	3.59	3.59	99.0
98.9	3.66	3.65	3.65	3.64	3.63	3.63	3.62	3.62	3.61	3.61	3.61	3.60	3.60	3.60	3.59	98.9
98.8	3.68	3.67	3.66	3.65	3.64	3.64	3.63	3.63	3.62	3.62	3.62	3.61	3.61	3.61	3.60	98.8
98.7	3.69	3.68	3.67	3.66	3.66	3.65	3.65	3.64	3.64	3.63	3.63	3.62	3.62	3.62	3.61	98.7
98.6	3.70	3.69	3.68	3.68	3.67	3.66	3.66	3.65	3.65	3.64	3.64	3.63	3.63	3.63	3.62	98.6
98.5	3.72	3.71	3.70	3.69	3.68	3.67	3.67	3.66	3.66	3.65	3.65	3.64	3.64	3.63	3.63	98.5
98.4	3.73	3.72	3.71	3.70	3.69	3.69	3.68	3.67	3.67	3.66	3.66	3.65	3.65	3.64	3.64	98.4
98.3	3.75	3.73	3.72	3.71	3.71	3.70	3.69	3.68	3.68	3.67	3.67	3.66	3.66	3.65	3.65	98.3
98.2	3.76	3.75	3.74	3.73	3.72	3.71	3.70	3.69	3.69	3.68	3.68	3.67	3.67	3.66	3.66	98.2
98.1	3.78	3.76	3.75	3.74	3.73	3.72	3.71	3.70	3.69	3.69	3.68	3.67	3.67	3.67	3.67	98.1
98.0	3.79	3.78	3.76	3.75	3.74	3.73	3.72	3.72	3.71	3.70	3.70	3.69	3.68	3.68	3.67	98.0
97.9	3.81	3.79	3.78	3.76	3.75	3.74	3.74	3.73	3.72	3.71	3.71	3.70	3.69	3.69	3.68	97.9
97.8	3.82	3.80	3.79	3.78	3.77	3.76	3.75	3.74	3.73	3.72	3.72	3.71	3.70	3.70	3.69	97.8
97.7	3.84	3.82	3.80	3.79	3.78	3.77	3.76	3.75	3.74	3.73	3.73	3.72	3.71	3.71	3.70	97.7
97.6	3.85	3.83	3.82	3.80	3.79	3.78	3.77	3.76	3.75	3.74	3.74	3.73	3.72	3.72	3.71	97.6
97.5	3.87	3.85	3.83	3.82	3.80	3.79	3.78	3.77	3.76	3.75	3.75	3.74	3.73	3.73	3.72	97.5
97.4	3.88	3.86	3.84	3.83	3.82	3.80	3.79	3.78	3.77	3.76	3.75	3.75	3.74	3.73	3.73	97.4
97.3	3.90	3.88	3.86	3.84	3.83	3.81	3.80	3.79	3.78	3.77	3.76	3.76	3.75	3.74	3.74	97.3
97.2	3.91	3.89	3.87	3.85	3.84	3.83	3.82	3.80	3.79	3.78	3.77	3.77	3.76	3.75	3.75	97.2
97.1	3.93	3.90	3.88	3.87	3.85	3.84	3.83	3.82	3.80	3.79	3.78	3.78	3.77	3.76	3.76	97.1
97.0	3.94	3.92	3.90	3.88	3.86	3.85	3.84	3.83	3.81	3.80	3.79	3.79	3.78	3.77	3.76	97.0
96.9	3.96	3.93	3.91	3.89	3.88	3.86	3.85	3.84	3.82	3.81	3.80	3.80	3.79	3.78	3.77	96.9
96.8	3.97	3.95	3.93	3.91	3.89	3.87	3.86	3.85	3.84	3.82	3.81	3.81	3.80	3.79	3.78	96.8
96.7	3.99	3.96	3.94	3.92	3.90	3.89	3.87	3.86	3.85	3.84	3.82	3.82	3.81	3.80	3.79	96.7
96.6	4.00	3.98	3.95	3.93	3.91	3.90	3.88	3.87	3.86	3.85	3.83	3.83	3.82	3.81	3.80	96.6
96.5		3.99	3.97	3.95	3.93	3.91	3.90	3.88	3.87	3.86	3.85	3.84	3.83	3.82	3.81	96.5
96.4		4.00	3.98	3.96	3.94	3.92	3.91	3.89	3.88	3.87	3.86	3.84	3.84	3.83	3.82	96.4
96.3			3.99	3.97	3.95	3.93	3.92	3.90	3.89	3.88	3.87	3.85	3.85	3.84	3.83	96.3
96.2				4.01	3.98	3.96	3.95	3.93	3.91	3.90	3.89	3.88	3.86	3.85	3.85	96.2
96.1					4.00	3.98	3.96	3.94	3.93	3.91	3.90	3.89	3.87	3.86	3.85	96.1
96.0						3.99	3.97	3.95	3.94	3.92	3.91	3.90	3.88	3.87	3.86	96.0
95.9							4.00	3.98	3.96	3.95	3.93	3.92	3.91	3.89	3.88	95.9
95.8								3.99	3.98	3.96	3.94	3.93	3.92	3.90	3.89	95.8
95.7									4.01	3.99	3.97	3.95	3.94	3.93	3.91	95.7
95.6										4.00	3.98	3.97	3.95	3.94	3.92	95.6
95.5											3.99	3.98	3.96	3.95	3.93	95.5
95.4												4.00	3.99	3.97	3.96	95.4
95.3													4.00	3.98	3.97	95.3
95.2														3.99	3.98	95.2
95.1															4.00	95.1
95.0																95.0

Prices below 95 these years—See page 12

3½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	
100.0	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	100.0
99.9	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	99.9
99.8	3.52	3.52	3.52	3.52	3.52	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	99.8
99.7	3.53	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	99.7
99.6	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	99.6
99.5	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.53	3.53	3.53	3.53	3.53	99.5
99.4	3.55	3.55	3.55	3.55	3.55	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	99.4
99.3	3.56	3.56	3.56	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.54	99.3
99.2	3.57	3.57	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.55	3.55	3.55	3.55	3.55	99.2
99.1	3.58	3.57	3.57	3.57	3.57	3.57	3.57	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	99.1
99.0	3.58	3.58	3.58	3.58	3.58	3.58	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.56	99.0
98.9	3.59	3.59	3.59	3.59	3.59	3.58	3.58	3.58	3.58	3.58	3.58	3.57	3.57	3.57	3.57	98.9
98.8	3.60	3.60	3.60	3.59	3.59	3.59	3.59	3.59	3.59	3.58	3.58	3.58	3.58	3.58	3.58	98.8
98.7	3.61	3.61	3.60	3.60	3.60	3.60	3.60	3.60	3.59	3.59	3.59	3.59	3.59	3.59	3.58	98.7
98.6	3.62	3.62	3.61	3.61	3.61	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.59	3.59	3.59	98.6
98.5	3.63	3.62	3.62	3.62	3.62	3.61	3.61	3.61	3.61	3.61	3.60	3.60	3.60	3.60	3.60	98.5
98.4	3.64	3.63	3.63	3.63	3.62	3.62	3.62	3.62	3.62	3.61	3.61	3.61	3.61	3.61	3.60	98.4
98.3	3.64	3.64	3.64	3.63	3.63	3.63	3.63	3.62	3.62	3.62	3.62	3.62	3.61	3.61	3.61	98.3
98.2	3.65	3.65	3.65	3.64	3.64	3.63	3.63	3.63	3.63	3.63	3.62	3.62	3.62	3.62	3.62	98.2
98.1	3.66	3.66	3.66	3.65	3.65	3.64	3.64	3.64	3.63	3.63	3.63	3.63	3.63	3.63	3.62	98.1
98.0	3.67	3.67	3.66	3.66	3.65	3.65	3.65	3.65	3.64	3.64	3.64	3.64	3.63	3.63	3.63	98.0
97.9	3.68	3.67	3.67	3.67	3.66	3.66	3.66	3.65	3.65	3.65	3.65	3.64	3.64	3.64	3.64	97.9
97.8	3.69	3.68	3.68	3.67	3.67	3.67	3.66	3.66	3.66	3.66	3.65	3.65	3.65	3.65	3.64	97.8
97.7	3.70	3.69	3.69	3.68	3.68	3.67	3.67	3.67	3.67	3.66	3.66	3.66	3.66	3.65	3.65	97.7
97.6	3.71	3.70	3.70	3.69	3.69	3.68	3.68	3.68	3.67	3.67	3.67	3.66	3.66	3.66	3.66	97.6
97.5	3.71	3.71	3.70	3.70	3.70	3.69	3.69	3.68	3.68	3.68	3.67	3.67	3.67	3.67	3.66	97.5
97.4	3.72	3.72	3.71	3.71	3.70	3.70	3.69	3.69	3.69	3.69	3.68	3.68	3.67	3.67	3.67	97.4
97.3	3.73	3.73	3.72	3.72	3.71	3.71	3.70	3.70	3.70	3.69	3.69	3.69	3.68	3.68	3.68	97.3
97.2	3.74	3.73	3.73	3.72	3.72	3.71	3.71	3.71	3.70	3.70	3.70	3.69	3.69	3.68	3.68	97.2
97.1	3.75	3.74	3.74	3.73	3.73	3.72	3.72	3.71	3.71	3.71	3.70	3.70	3.70	3.69	3.69	97.1
97.0	3.76	3.75	3.75	3.74	3.74	3.73	3.73	3.72	3.72	3.71	3.71	3.71	3.70	3.70	3.70	97.0
96.9	3.77	3.76	3.75	3.75	3.74	3.74	3.73	3.73	3.73	3.72	3.72	3.71	3.71	3.71	3.70	96.9
96.8	3.78	3.77	3.76	3.76	3.75	3.75	3.74	3.74	3.73	3.73	3.72	3.72	3.72	3.71	3.71	96.8
96.7	3.78	3.78	3.77	3.76	3.76	3.75	3.75	3.74	3.74	3.74	3.73	3.73	3.72	3.72	3.72	96.7
96.6	3.79	3.79	3.78	3.77	3.77	3.76	3.76	3.75	3.75	3.74	3.74	3.73	3.73	3.73	3.72	96.6
96.5	3.80	3.80	3.79	3.78	3.78	3.77	3.77	3.76	3.76	3.75	3.75	3.74	3.74	3.73	3.73	96.5
96.4	3.81	3.80	3.80	3.79	3.78	3.78	3.77	3.77	3.76	3.76	3.75	3.75	3.74	3.74	3.74	96.4
96.3	3.82	3.81	3.80	3.80	3.79	3.79	3.78	3.78	3.77	3.76	3.76	3.75	3.75	3.74	3.74	96.3
96.2	3.83	3.82	3.81	3.81	3.80	3.79	3.79	3.78	3.78	3.77	3.77	3.76	3.76	3.75	3.75	96.2
96.1	3.84	3.83	3.82	3.81	3.81	3.80	3.80	3.79	3.78	3.78	3.77	3.77	3.77	3.76	3.76	96.1
96.0	3.85	3.84	3.83	3.82	3.82	3.81	3.80	3.80	3.79	3.79	3.78	3.78	3.77	3.77	3.76	96.0
95.9	3.85	3.85	3.84	3.83	3.82	3.82	3.81	3.81	3.80	3.79	3.79	3.78	3.78	3.78	3.77	95.9
95.8	3.86	3.86	3.85	3.84	3.83	3.83	3.82	3.81	3.81	3.80	3.80	3.79	3.79	3.78	3.78	95.8
95.7	3.87	3.86	3.86	3.85	3.84	3.83	3.83	3.82	3.81	3.81	3.80	3.80	3.79	3.79	3.78	95.7
95.6	3.88	3.87	3.86	3.85	3.85	3.84	3.84	3.83	3.82	3.82	3.81	3.81	3.80	3.80	3.79	95.6
95.5	3.89	3.88	3.87	3.86	3.86	3.85	3.84	3.84	3.83	3.82	3.82	3.81	3.81	3.80	3.80	95.5
95.4	3.90	3.89	3.88	3.87	3.86	3.86	3.85	3.84	3.84	3.83	3.83	3.82	3.82	3.81	3.80	95.4
95.3	3.91	3.90	3.89	3.88	3.87	3.86	3.86	3.85	3.85	3.84	3.83	3.83	3.82	3.82	3.81	95.3
95.2	3.92	3.91	3.90	3.89	3.88	3.87	3.87	3.86	3.85	3.85	3.84	3.84	3.83	3.82	3.82	95.2
95.1	3.93	3.92	3.91	3.90	3.89	3.88	3.87	3.87	3.86	3.85	3.85	3.84	3.84	3.83	3.83	95.1
95.0	3.93	3.92	3.91	3.90	3.90	3.89	3.88	3.87	3.87	3.86	3.85	3.85	3.84	3.84	3.83	95.0

3½% Bond—Interest payable semi-annually**RATES OF INTEREST REALIZED****if purchased at prices indicated and held to maturity**

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
100.0	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	3.50	100.0	
99.9	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	99.9	
99.8	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	3.51	99.8	
99.7	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	99.7	
99.6	3.53	3.53	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	3.52	99.6	
99.5	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	99.5	
99.4	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.53	3.53	3.53	3.53	3.53	3.53	3.53	3.53	99.4	
99.3	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.54	99.3	
99.2	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.54	3.54	3.54	3.54	3.54	99.2	
99.1	3.56	3.56	3.56	3.56	3.56	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	3.55	99.1	
99.0	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.55	3.55	3.55	99.0	
98.9	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.56	3.56	3.56	3.56	3.56	3.56	3.56	3.56	98.9	
98.8	3.58	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	3.57	98.8	
98.7	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.57	3.57	3.57	3.57	3.57	3.57	98.7	
98.6	3.59	3.59	3.59	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	3.58	98.6	
98.5	3.60	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.58	3.58	3.58	3.58	98.5	
98.4	3.60	3.60	3.60	3.60	3.60	3.60	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	3.59	98.4	
98.3	3.61	3.61	3.61	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.60	3.59	3.59	3.59	98.3	
98.2	3.62	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.60	3.60	3.60	3.60	3.60	3.60	3.60	98.2	
98.1	3.62	3.62	3.62	3.62	3.62	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.61	3.60	3.60	98.1	
98.0	3.63	3.63	3.63	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.61	3.61	3.61	3.61	3.61	98.0	
97.9	3.63	3.63	3.63	3.63	3.63	3.63	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	3.62	97.9	
97.8	3.64	3.64	3.64	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.63	3.62	3.62	3.62	3.62	97.8	
97.7	3.65	3.65	3.64	3.64	3.64	3.64	3.64	3.64	3.63	3.63	3.63	3.63	3.63	3.63	3.63	97.7	
97.6	3.65	3.65	3.65	3.65	3.65	3.64	3.64	3.64	3.64	3.64	3.64	3.64	3.63	3.63	3.63	97.6	
97.5	3.66	3.66	3.66	3.65	3.65	3.65	3.65	3.65	3.65	3.65	3.64	3.64	3.64	3.64	3.64	97.5	
97.4	3.67	3.66	3.66	3.66	3.66	3.66	3.66	3.65	3.65	3.65	3.65	3.65	3.65	3.64	3.64	97.4	
97.3	3.67	3.67	3.67	3.67	3.67	3.66	3.66	3.66	3.66	3.66	3.65	3.65	3.65	3.65	3.65	97.3	
97.2	3.68	3.68	3.68	3.67	3.67	3.67	3.67	3.67	3.66	3.66	3.66	3.66	3.66	3.65	3.65	97.2	
97.1	3.69	3.68	3.68	3.68	3.68	3.68	3.67	3.67	3.67	3.67	3.67	3.66	3.66	3.66	3.66	97.1	
97.0	3.69	3.69	3.69	3.69	3.68	3.68	3.68	3.68	3.68	3.67	3.67	3.67	3.67	3.67	3.67	97.0	
96.9	3.70	3.70	3.69	3.69	3.69	3.69	3.69	3.68	3.68	3.68	3.68	3.68	3.67	3.67	3.67	96.9	
96.8	3.71	3.70	3.70	3.70	3.70	3.69	3.69	3.69	3.69	3.69	3.68	3.68	3.68	3.68	3.68	96.8	
96.7	3.71	3.71	3.71	3.71	3.70	3.70	3.70	3.70	3.69	3.69	3.69	3.69	3.69	3.68	3.68	96.7	
96.6	3.72	3.72	3.71	3.71	3.71	3.71	3.70	3.70	3.70	3.70	3.70	3.69	3.69	3.69	3.69	96.6	
96.5	3.73	3.72	3.72	3.72	3.72	3.71	3.71	3.71	3.71	3.70	3.70	3.70	3.70	3.70	3.70	96.5	
96.4	3.73	3.73	3.73	3.72	3.72	3.72	3.72	3.71	3.71	3.71	3.71	3.71	3.71	3.70	3.70	96.4	
96.3	3.74	3.74	3.73	3.73	3.73	3.73	3.72	3.72	3.72	3.72	3.71	3.71	3.71	3.71	3.71	96.3	
96.2	3.75	3.74	3.74	3.74	3.74	3.73	3.73	3.73	3.72	3.72	3.72	3.72	3.72	3.71	3.71	96.2	
96.1	3.75	3.75	3.75	3.74	3.74	3.74	3.74	3.73	3.73	3.73	3.73	3.72	3.72	3.72	3.72	96.1	
96.0	3.76	3.76	3.75	3.75	3.75	3.74	3.74	3.74	3.74	3.73	3.73	3.73	3.73	3.73	3.72	96.0	
95.9	3.77	3.76	3.76	3.76	3.75	3.75	3.75	3.74	3.74	3.74	3.74	3.74	3.74	3.73	3.73	95.9	
95.8	3.77	3.77	3.77	3.76	3.76	3.76	3.75	3.75	3.75	3.75	3.74	3.74	3.74	3.74	3.74	95.8	
95.7	3.78	3.78	3.77	3.77	3.77	3.76	3.76	3.76	3.75	3.75	3.75	3.75	3.75	3.74	3.74	95.7	
95.6	3.79	3.78	3.78	3.78	3.77	3.77	3.77	3.76	3.76	3.76	3.76	3.75	3.75	3.75	3.75	95.6	
95.5	3.79	3.79	3.79	3.78	3.78	3.78	3.78	3.77	3.77	3.76	3.76	3.76	3.76	3.76	3.75	95.5	
95.4	3.80	3.80	3.79	3.79	3.79	3.78	3.78	3.78	3.77	3.77	3.77	3.76	3.76	3.76	3.76	95.4	
95.3	3.81	3.80	3.80	3.80	3.79	3.79	3.79	3.78	3.78	3.78	3.77	3.77	3.77	3.77	3.76	95.3	
95.2	3.81	3.81	3.81	3.80	3.80	3.80	3.80	3.79	3.78	3.78	3.78	3.78	3.77	3.77	3.77	95.2	
95.1	3.82	3.82	3.81	3.81	3.81	3.81	3.80	3.80	3.79	3.79	3.79	3.78	3.78	3.78	3.78	95.1	
95.0	3.83	3.82	3.82	3.82	3.81	3.81	3.81	3.80	3.80	3.80	3.79	3.79	3.79	3.79	3.78	95.0	

3½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

[illegible][illegible]

3³/₄% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	1 mo.	2 mos.	4 mos.	6 mos.	8 mos.	10 mos.	1	1½	2	2½	3	3½	4	4½	5	
105.0																105.0
104.9																104.9
104.8																104.8
104.7																104.7
104.6																104.6
104.5																104.5
104.4																104.4
104.3																104.3
104.2																104.2
104.1																104.1
104.0																104.0
103.9																103.9
103.8																103.8
103.7																103.7
103.6																103.6
103.5															2.99	103.5
103.4															3.01	103.4
103.3															3.03	103.3
103.2															2.98	103.2
103.1															3.01	103.1
103.0															3.03	103.0
102.9															3.06	102.9
102.8															3.08	102.8
102.7															3.03	102.7
102.6															3.06	102.6
102.5															2.99	102.5
102.4															3.02	102.4
102.3															3.05	102.3
102.2															2.98	102.2
102.1															3.01	102.1
102.0															3.05	102.0
101.9															3.08	101.9
101.8															3.00	101.8
101.7															3.04	101.7
101.6															3.08	101.6
101.5															2.97	101.5
101.4															3.02	101.4
101.3															3.08	101.3
101.2															3.13	101.2
101.1															2.99	101.1
101.0															3.06	101.0
100.9															3.13	100.9
100.8															2.93	100.8
100.7															2.89	100.7
100.6															3.01	100.6
100.5															2.98	100.5
100.4															2.94	100.4
100.3															2.83	100.3
100.2															2.52	100.2
100.1															2.52	100.1
100.0															2.52	100.0

See note above.

3 $\frac{3}{4}$ % Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price	
	1 mo.	2 mos.	4 mos.	6 mos.	8 mos.	10 mos.	1	1½	2	2½	3	3½	4	4½	5		
100.0	3*72	3*73	3*74	3.75	3*74	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	3.75	100.0	
99.9	4.93	4.33	4.04	3.95	3.90	3.87	3.85	3.82	3.80	3.79	3.79	3.78	3.78	3.77	3.77	99.9	
99.8	6.14	4.94	4.35	4.16	4.05	3.99	3.96	3.89	3.85	3.83	3.82	3.81	3.80	3.80	3.79	99.8	
99.7		5.55	4.65	4.36	4.20	4.11	4.06	3.96	3.91	3.88	3.86	3.84	3.83	3.82	3.82	99.7	
99.6			4.96	4.57	4.36	4.24	4.16	4.03	3.96	3.92	3.89	3.87	3.86	3.85	3.84	99.6	
99.5			5.27	4.77	4.51	4.36	4.27	4.10	4.01	3.96	3.93	3.90	3.89	3.87	3.86	99.5	
99.4				4.98	4.67	4.49	4.37	4.17	4.06	4.00	3.96	3.94	3.91	3.90	3.88	99.4	
99.3				5.19	4.82	4.61	4.47	4.24	4.12	4.05	4.00	3.97	3.94	3.92	3.90	99.3	
99.2				5.39	4.98	4.73	4.58	4.31	4.17	4.09	4.04	4.00	3.97	3.95	3.93	99.2	
99.1					5.13	4.86	4.68	4.38	4.22	4.13	4.07	4.03	4.00	3.97	3.95	99.1	
99.0					5.29	4.98	4.79	4.45	4.28	4.18	4.11	4.06	4.02	3.99	3.97	99.0	
98.9						5.11	4.89	4.52	4.33	4.22	4.14	4.09	4.05	4.02	3.99	98.9	
98.8						5.23	5.00	4.59	4.38	4.26	4.18	4.12	4.08	4.04	4.02	98.8	
98.7						5.36	5.10	4.66	4.44	4.30	4.22	4.15	4.11	4.07	4.04	98.7	
98.6							5.21	4.73	4.49	4.35	4.25	4.18	4.13	4.09	4.06	98.6	
98.5							5.31	4.80	4.54	4.39	4.29	4.22	4.16	4.12	4.08	98.5	
98.4								4.87	4.60	4.43	4.32	4.25	4.19	4.14	4.11	98.4	
98.3								4.94	4.65	4.48	4.36	4.28	4.22	4.17	4.13	98.3	
98.2								5.01	4.70	4.52	4.40	4.31	4.24	4.19	4.15	98.2	
98.1								5.08	4.76	4.56	4.43	4.34	4.27	4.22	4.18	98.1	
98.0								5.15	4.81	4.61	4.47	4.37	4.30	4.24	4.20	98.0	
97.9								5.22	4.86	4.65	4.51	4.40	4.33	4.27	4.22	97.9	
97.8								5.30	4.92	4.69	4.54	4.44	4.36	4.29	4.24	97.8	
97.7									4.97	4.74	4.58	4.47	4.38	4.32	4.27	97.7	
97.6									5.03	4.78	4.62	4.50	4.41	4.34	4.29	97.6	
97.5									5.08	4.82	4.65	4.53	4.44	4.37	4.31	97.5	
97.4									5.13	4.87	4.69	4.56	4.47	4.39	4.33	97.4	
97.3									5.19	4.91	4.73	4.59	4.50	4.42	4.36	97.3	
97.2									5.24	4.95	4.76	4.63	4.52	4.44	4.38	97.2	
97.1									5.30	5.00	4.80	4.66	4.55	4.47	4.40	97.1	
97.0									5.04	5.84	4.69	4.58	4.49	4.43		97.0	
96.9									5.09	4.87	4.72	4.61	4.52	4.45		96.9	
96.8									5.13	4.91	4.75	4.64	4.54	4.47		96.8	
96.7									5.17	4.95	4.79	4.66	4.57	4.49		96.7	
96.6									5.22	4.98	4.82	4.69	4.59	4.52		96.6	
96.5									5.26	5.02	4.85	4.72	4.62	4.54		96.5	
96.4										5.06	4.88	4.75	4.65	4.56		96.4	
96.3										5.10	4.91	4.78	4.67	4.59		96.3	
96.2										5.13	4.95	4.81	4.70	4.61		96.2	
96.1										5.17	4.98	4.83	4.72	4.63		96.1	
96.0										5.21	5.01	4.86	4.75	4.66		96.0	
95.9										5.25	5.04	4.89	4.77	4.68		95.9	
95.8											5.07	4.92	4.80	4.70		95.8	
95.7											5.11	4.95	4.82	4.73		95.7	
95.6											5.14	4.98	4.85	4.75		95.6	
95.5												5.17	5.00	4.88	4.77	95.5	
95.4												5.20	5.03	4.90	4.80	95.4	
95.3												5.24	5.06	4.93	4.82	95.3	
95.2												5.27	5.09	4.95	4.84	95.2	
95.1													5.12	4.98	4.86	95.1	
95.0														5.15	5.00	4.89	95.0

*When the interval between the date of purchase and the due date of the next coupon is less than 6 months, the rate realized is less than the bond rate because the purchase price (par) has been increased by accrued interest.

4% Bond—Interest payable semi-annually
RATES OF INTEREST REALIZED
 if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	1/2	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	
100.0	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	100.0
99.9	4.20	4.10	4.07	4.05	4.04	4.04	4.03	4.03	4.02	4.02	4.02	4.02	4.02	4.02	4.02	99.9
99.8	4.41	4.20	4.14	4.11	4.09	4.07	4.06	4.05	4.05	4.04	4.04	4.04	4.04	4.03	4.03	99.8
99.7	4.61	4.31	4.21	4.16	4.13	4.11	4.09	4.08	4.07	4.07	4.06	4.06	4.05	4.05	4.05	99.7
99.6	4.82	4.41	4.28	4.21	4.17	4.14	4.12	4.11	4.10	4.09	4.08	4.08	4.07	4.07	4.06	99.6
99.5	5.03	4.52	4.35	4.26	4.21	4.18	4.16	4.14	4.12	4.11	4.10	4.10	4.09	4.08	4.08	99.5
99.4	5.23	4.62	4.42	4.32	4.26	4.21	4.19	4.16	4.15	4.13	4.12	4.11	4.11	4.10	4.09	99.4
99.3	5.44	4.72	4.49	4.37	4.30	4.25	4.22	4.19	4.17	4.16	4.14	4.13	4.12	4.12	4.11	99.3
99.2		4.83	4.56	4.42	4.34	4.29	4.25	4.22	4.20	4.18	4.16	4.15	4.14	4.13	4.12	99.2
99.1		4.93	4.63	4.48	4.39	4.32	4.28	4.25	4.22	4.20	4.18	4.17	4.16	4.15	4.14	99.1
99.0		5.04	4.70	4.53	4.43	4.36	4.31	4.27	4.25	4.22	4.21	4.19	4.18	4.17	4.16	99.0
98.9		5.14	4.77	4.58	4.47	4.39	4.34	4.30	4.27	4.25	4.23	4.21	4.20	4.18	4.17	98.9
98.8		5.25	4.84	4.64	4.51	4.43	4.37	4.33	4.30	4.27	4.25	4.23	4.21	4.20	4.19	98.8
98.7			4.91	4.69	4.56	4.47	4.40	4.36	4.32	4.29	4.27	4.25	4.23	4.22	4.20	98.7
98.6			4.98	4.74	4.60	4.50	4.44	4.39	4.35	4.31	4.29	4.27	4.25	4.23	4.22	98.6
98.5			5.05	4.80	4.64	4.54	4.47	4.41	4.37	4.34	4.31	4.29	4.27	4.25	4.24	98.5
98.4			5.12	4.85	4.69	4.58	4.50	4.44	4.40	4.36	4.33	4.31	4.29	4.27	4.25	98.4
98.3			5.19	4.90	4.73	4.61	4.53	4.47	4.42	4.38	4.35	4.32	4.30	4.29	4.27	98.3
98.2			5.26	4.96	4.77	4.65	4.56	4.50	4.45	4.40	4.37	4.34	4.32	4.30	4.28	98.2
98.1				5.01	4.82	4.69	4.59	4.52	4.47	4.43	4.39	4.36	4.34	4.32	4.30	98.1
98.0				5.07	4.86	4.72	4.63	4.55	4.50	4.45	4.41	4.38	4.36	4.34	4.31	98.0
97.9				5.12	4.90	4.76	4.66	4.58	4.52	4.47	4.43	4.40	4.38	4.35	4.33	97.9
97.8				5.17	4.95	4.80	4.69	4.61	4.55	4.50	4.45	4.42	4.39	4.37	4.35	97.8
97.7				5.23	4.99	4.83	4.72	4.64	4.57	4.52	4.48	4.44	4.41	4.39	4.36	97.7
97.6				5.28	5.03	4.87	4.75	4.66	4.60	4.54	4.50	4.46	4.43	4.40	4.38	97.6
97.5				5.08	4.91	4.78	4.69	4.62	4.57	4.52	4.48	4.45	4.42	4.40		97.5
97.4				5.12	4.94	4.82	4.72	4.65	4.59	4.54	4.50	4.47	4.44	4.41		97.4
97.3				5.17	4.98	4.85	4.75	4.67	4.61	4.56	4.52	4.48	4.45	4.43		97.3
97.2				5.21	5.02	4.88	4.78	4.70	4.63	4.58	4.54	4.50	4.47	4.44		97.2
97.1				5.25	5.06	4.91	4.81	4.72	4.66	4.60	4.56	4.52	4.49	4.46		97.1
97.0				5.09	4.94	4.83	4.75	4.68	4.62	4.58	4.54	4.50	4.48			97.0
96.9				5.13	4.97	4.86	4.77	4.70	4.65	4.60	4.56	4.52	4.49			96.9
96.8				5.17	5.01	4.89	4.80	4.73	4.67	4.62	4.57	4.54	4.51			96.8
96.7				5.20	5.04	4.92	4.82	4.75	4.69	4.64	4.59	4.56	4.52			96.7
96.6				5.24	5.07	4.95	4.85	4.77	4.71	4.66	4.61	4.57	4.54			96.6
96.5				5.28	5.10	4.98	4.88	4.80	4.73	4.68	4.63	4.59	4.56			96.5
96.4				5.14	5.01	4.90	4.82	4.75	4.70	4.65	4.61	4.57	4.54			96.4
96.3				5.17	5.03	4.93	4.84	4.77	4.72	4.67	4.62	4.59				96.3
96.2				5.20	5.06	4.95	4.87	4.79	4.73	4.69	4.64	4.60				96.2
96.1				5.23	5.09	4.98	4.89	4.81	4.75	4.70	4.66	4.62				96.1
96.0				5.27	5.12	5.00	4.91	4.84	4.77	4.72	4.68	4.64				96.0
95.9				5.15	5.03	4.94	4.86	4.79	4.74	4.69	4.65					95.9
95.8				5.18	5.06	4.96	4.88	4.81	4.76	4.71	4.67					95.8
95.7				5.21	5.08	4.98	4.90	4.83	4.78	4.73	4.69					95.7
95.6				5.24	5.11	5.01	4.92	4.85	4.80	4.75	4.70					95.6
95.5				5.27	5.13	5.03	4.95	4.87	4.81	4.76	4.72					95.5
95.4				5.16	5.05	4.97	4.89	4.83	4.78	4.74						95.4
95.3				5.18	5.08	4.99	4.91	4.85	4.80	4.75						95.3
95.2				5.21	5.10	5.01	4.93	4.87	4.82	4.77						95.2
95.1				5.24	5.12	5.03	4.95	4.89	4.83	4.79						95.1
95.0					5.26	5.15	5.05	4.97	4.91	4.85	4.80					95.0

Prices below 95 these years—See page 20

4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	
100.0	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	100.0
99.9	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	99.9
99.8	4.03	4.03	4.03	4.03	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	99.8
99.7	4.04	4.04	4.04	4.04	4.04	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	99.7
99.6	4.06	4.06	4.05	4.05	4.05	4.05	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	99.6
99.5	4.07	4.07	4.07	4.06	4.06	4.06	4.06	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	99.5
99.4	4.09	4.08	4.08	4.08	4.07	4.07	4.07	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	99.4
99.3	4.10	4.10	4.09	4.09	4.08	4.08	4.08	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	99.3
99.2	4.12	4.11	4.11	4.10	4.10	4.09	4.09	4.08	4.08	4.08	4.08	4.08	4.08	4.07	4.07	99.2
99.1	4.13	4.13	4.12	4.12	4.11	4.11	4.10	4.10	4.10	4.09	4.09	4.09	4.08	4.08	4.08	99.1
99.0	4.15	4.14	4.13	4.13	4.12	4.12	4.11	4.11	4.11	4.10	4.10	4.10	4.09	4.09	4.09	99.0
98.9	4.16	4.15	4.15	4.14	4.13	4.13	4.13	4.12	4.12	4.11	4.11	4.11	4.10	4.10	4.10	98.9
98.8	4.18	4.17	4.16	4.15	4.15	4.14	4.14	4.13	4.13	4.12	4.12	4.12	4.11	4.11	4.11	98.8
98.7	4.19	4.18	4.17	4.17	4.16	4.15	4.15	4.14	4.14	4.13	4.13	4.13	4.12	4.12	4.12	98.7
98.6	4.21	4.20	4.19	4.18	4.17	4.17	4.16	4.15	4.15	4.14	4.14	4.14	4.13	4.13	4.13	98.6
98.5	4.22	4.21	4.20	4.19	4.19	4.18	4.17	4.17	4.16	4.16	4.15	4.15	4.14	4.14	4.14	98.5
98.4	4.24	4.23	4.22	4.21	4.20	4.19	4.18	4.18	4.17	4.17	4.16	4.16	4.15	4.15	4.14	98.4
98.3	4.25	4.24	4.23	4.22	4.21	4.20	4.20	4.19	4.18	4.18	4.17	4.17	4.16	4.16	4.15	98.3
98.2	4.27	4.26	4.24	4.23	4.22	4.21	4.21	4.20	4.19	4.19	4.18	4.18	4.17	4.17	4.16	98.2
98.1	4.28	4.27	4.26	4.25	4.24	4.23	4.22	4.21	4.20	4.20	4.19	4.19	4.18	4.17	4.17	98.1
98.0	4.30	4.28	4.27	4.26	4.25	4.24	4.23	4.22	4.21	4.21	4.20	4.20	4.19	4.18	4.18	98.0
97.9	4.31	4.30	4.28	4.27	4.26	4.25	4.24	4.23	4.23	4.22	4.21	4.21	4.20	4.19	4.19	97.9
97.8	4.33	4.31	4.30	4.28	4.27	4.26	4.25	4.24	4.24	4.23	4.22	4.22	4.21	4.20	4.20	97.8
97.7	4.34	4.33	4.31	4.30	4.29	4.27	4.27	4.26	4.25	4.24	4.23	4.23	4.22	4.21	4.21	97.7
97.6	4.36	4.34	4.33	4.31	4.30	4.29	4.28	4.27	4.26	4.25	4.24	4.24	4.23	4.22	4.22	97.6
97.5	4.37	4.35	4.34	4.32	4.31	4.30	4.29	4.28	4.27	4.26	4.25	4.25	4.24	4.23	4.23	97.5
97.4	4.39	4.37	4.35	4.34	4.32	4.31	4.30	4.29	4.28	4.27	4.26	4.26	4.25	4.24	4.24	97.4
97.3	4.40	4.38	4.37	4.35	4.34	4.32	4.31	4.30	4.29	4.28	4.27	4.27	4.26	4.25	4.24	97.3
97.2	4.42	4.40	4.38	4.36	4.35	4.34	4.32	4.31	4.30	4.29	4.28	4.28	4.27	4.26	4.25	97.2
97.1	4.43	4.41	4.39	4.38	4.36	4.35	4.34	4.32	4.31	4.30	4.29	4.29	4.28	4.27	4.26	97.1
97.0	4.45	4.43	4.41	4.39	4.37	4.36	4.35	4.34	4.32	4.31	4.30	4.30	4.29	4.28	4.27	97.0
96.9	4.47	4.44	4.42	4.40	4.39	4.37	4.36	4.35	4.34	4.32	4.31	4.31	4.30	4.29	4.28	96.9
96.8	4.48	4.46	4.44	4.42	4.40	4.38	4.37	4.36	4.35	4.34	4.32	4.32	4.31	4.30	4.29	96.8
96.7	4.50	4.47	4.45	4.43	4.41	4.40	4.38	4.37	4.36	4.35	4.34	4.33	4.32	4.31	4.30	96.7
96.6	4.51	4.49	4.46	4.44	4.43	4.41	4.40	4.38	4.37	4.36	4.35	4.34	4.33	4.32	4.31	96.6
96.5	4.53	4.50	4.48	4.46	4.44	4.42	4.41	4.39	4.38	4.37	4.36	4.35	4.34	4.33	4.32	96.5
96.4	4.54	4.51	4.49	4.47	4.45	4.43	4.42	4.40	4.39	4.38	4.37	4.36	4.35	4.34	4.33	96.4
96.3	4.56	4.53	4.51	4.48	4.46	4.45	4.43	4.42	4.40	4.39	4.38	4.37	4.36	4.35	4.34	96.3
96.2	4.57	4.54	4.52	4.50	4.48	4.46	4.44	4.43	4.41	4.40	4.39	4.38	4.37	4.36	4.35	96.2
96.1	4.59	4.56	4.53	4.51	4.49	4.47	4.45	4.44	4.42	4.41	4.40	4.39	4.38	4.37	4.36	96.1
96.0	4.60	4.57	4.55	4.52	4.50	4.48	4.47	4.45	4.43	4.42	4.41	4.40	4.39	4.38	4.37	96.0
95.9	4.62	4.59	4.56	4.54	4.51	4.50	4.48	4.46	4.45	4.43	4.42	4.41	4.40	4.39	4.38	95.9
95.8	4.63	4.60	4.58	4.55	4.53	4.51	4.49	4.47	4.46	4.44	4.43	4.42	4.41	4.40	4.39	95.8
95.7	4.65	4.62	4.59	4.56	4.54	4.52	4.50	4.48	4.47	4.45	4.44	4.43	4.42	4.41	4.40	95.7
95.6	4.66	4.63	4.60	4.58	4.55	4.53	4.51	4.50	4.48	4.46	4.45	4.44	4.43	4.42	4.40	95.6
95.5	4.68	4.65	4.62	4.59	4.57	4.55	4.53	4.51	4.49	4.47	4.46	4.45	4.44	4.43	4.41	95.5
95.4	4.70	4.66	4.63	4.60	4.58	4.56	4.54	4.52	4.50	4.48	4.47	4.46	4.45	4.43	4.42	95.4
95.3	4.71	4.68	4.65	4.62	4.59	4.57	4.55	4.53	4.51	4.50	4.48	4.47	4.46	4.44	4.43	95.3
95.2	4.73	4.69	4.66	4.63	4.60	4.58	4.56	4.54	4.52	4.51	4.49	4.48	4.46	4.45	4.44	95.2
95.1	4.74	4.71	4.67	4.64	4.62	4.59	4.57	4.55	4.53	4.52	4.50	4.49	4.47	4.46	4.45	95.1
95.0	4.76	4.72	4.69	4.66	4.63	4.61	4.58	4.56	4.55	4.53	4.51	4.50	4.48	4.47	4.46	95.0

Prices 95 to 90 these years—See page 21

4 % Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½		
100.0	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	100.0	
99.9	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	99.9	
99.8	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	99.8	
99.7	4.03	4.03	4.03	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	99.7	
99.6	4.04	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	99.6	
99.5	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	99.5	
99.4	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.04	4.04	4.04	4.04	4.04	4.04	99.4	
99.3	4.06	4.06	4.06	4.06	4.06	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	99.3	
99.2	4.07	4.07	4.07	4.07	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	99.2	
99.1	4.08	4.08	4.08	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.06	4.06	4.06	4.06	99.1	
99.0	4.09	4.09	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.07	4.07	4.07	4.07	4.07	4.07	99.0	
98.9	4.10	4.09	4.09	4.09	4.09	4.09	4.09	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	98.9	
98.8	4.11	4.10	4.10	4.10	4.10	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.08	98.8	
98.7	4.11	4.11	4.11	4.11	4.11	4.10	4.10	4.10	4.10	4.10	4.10	4.09	4.09	4.09	4.09	98.7	
98.6	4.12	4.12	4.12	4.11	4.11	4.11	4.11	4.11	4.11	4.10	4.10	4.10	4.10	4.10	4.10	98.6	
98.5	4.13	4.13	4.13	4.12	4.12	4.12	4.12	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.10	98.5	
98.4	4.14	4.14	4.13	4.13	4.13	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.11	4.11	4.11	98.4	
98.3	4.15	4.15	4.14	4.14	4.14	4.13	4.13	4.13	4.13	4.13	4.12	4.12	4.12	4.12	4.12	98.3	
98.2	4.16	4.15	4.15	4.15	4.15	4.14	4.14	4.14	4.14	4.13	4.13	4.13	4.13	4.13	4.12	98.2	
98.1	4.17	4.16	4.16	4.16	4.15	4.15	4.15	4.14	4.14	4.14	4.14	4.14	4.14	4.13	4.13	98.1	
98.0	4.18	4.17	4.17	4.16	4.16	4.16	4.15	4.15	4.15	4.15	4.15	4.14	4.14	4.14	4.14	98.0	
97.9	4.19	4.18	4.18	4.17	4.17	4.17	4.16	4.16	4.16	4.16	4.15	4.15	4.15	4.15	4.15	97.9	
97.8	4.19	4.19	4.19	4.18	4.18	4.17	4.17	4.17	4.17	4.16	4.16	4.16	4.16	4.15	4.15	97.8	
97.7	4.20	4.20	4.19	4.19	4.19	4.18	4.18	4.18	4.17	4.17	4.17	4.17	4.16	4.16	4.16	97.7	
97.6	4.21	4.21	4.20	4.20	4.20	4.19	4.19	4.18	4.18	4.18	4.18	4.17	4.17	4.17	4.17	97.6	
97.5	4.22	4.22	4.21	4.21	4.20	4.20	4.20	4.19	4.19	4.19	4.18	4.18	4.18	4.18	4.17	97.5	
97.4	4.23	4.22	4.22	4.21	4.21	4.21	4.20	4.20	4.20	4.19	4.19	4.19	4.18	4.18	4.18	97.4	
97.3	4.24	4.23	4.23	4.22	4.22	4.22	4.21	4.21	4.20	4.20	4.20	4.19	4.19	4.19	4.19	97.3	
97.2	4.25	4.24	4.24	4.23	4.23	4.22	4.22	4.22	4.21	4.21	4.21	4.20	4.20	4.20	4.19	97.2	
97.1	4.26	4.25	4.25	4.24	4.24	4.23	4.23	4.22	4.22	4.22	4.22	4.21	4.21	4.21	4.20	97.1	
97.0	4.27	4.26	4.25	4.25	4.24	4.24	4.24	4.23	4.23	4.22	4.22	4.22	4.21	4.21	4.21	97.0	
96.9	4.28	4.27	4.26	4.26	4.25	4.25	4.24	4.24	4.24	4.23	4.23	4.22	4.22	4.22	4.22	96.9	
96.8	4.28	4.28	4.27	4.27	4.26	4.26	4.25	4.25	4.24	4.24	4.23	4.23	4.23	4.22	4.22	96.8	
96.7	4.29	4.29	4.28	4.27	4.27	4.26	4.26	4.25	4.25	4.25	4.24	4.24	4.23	4.23	4.23	96.7	
96.6	4.30	4.30	4.29	4.28	4.28	4.27	4.27	4.26	4.26	4.25	4.25	4.25	4.24	4.24	4.24	96.6	
96.5	4.31	4.31	4.30	4.29	4.29	4.28	4.28	4.27	4.27	4.26	4.26	4.25	4.25	4.25	4.24	96.5	
96.4	4.32	4.32	4.31	4.30	4.29	4.29	4.28	4.28	4.27	4.27	4.26	4.26	4.26	4.25	4.25	96.4	
96.3	4.33	4.32	4.32	4.31	4.30	4.30	4.29	4.29	4.28	4.28	4.27	4.27	4.27	4.26	4.26	96.3	
96.2	4.34	4.33	4.33	4.32	4.31	4.31	4.30	4.29	4.29	4.28	4.28	4.28	4.27	4.27	4.26	96.2	
96.1	4.35	4.34	4.34	4.33	4.32	4.31	4.31	4.30	4.30	4.29	4.29	4.29	4.28	4.28	4.27	96.1	
96.0	4.36	4.35	4.34	4.34	4.33	4.32	4.32	4.31	4.30	4.30	4.29	4.29	4.29	4.28	4.28	96.0	
95.9	4.37	4.36	4.35	4.34	4.34	4.33	4.32	4.32	4.31	4.31	4.30	4.30	4.29	4.29	4.29	95.9	
95.8	4.38	4.37	4.36	4.35	4.34	4.34	4.33	4.33	4.32	4.32	4.31	4.31	4.30	4.30	4.29	95.8	
95.7	4.39	4.38	4.37	4.36	4.35	4.35	4.34	4.33	4.33	4.32	4.32	4.31	4.31	4.30	4.30	95.7	
95.6	4.40	4.39	4.38	4.37	4.36	4.35	4.35	4.34	4.34	4.33	4.33	4.32	4.32	4.31	4.31	95.6	
95.5	4.41	4.40	4.39	4.38	4.37	4.36	4.36	4.35	4.34	4.34	4.33	4.33	4.32	4.32	4.32	95.5	
95.4	4.41	4.40	4.40	4.39	4.38	4.37	4.36	4.36	4.35	4.35	4.34	4.34	4.33	4.33	4.32	95.4	
95.3	4.42	4.41	4.40	4.39	4.39	4.38	4.37	4.37	4.36	4.35	4.35	4.34	4.34	4.33	4.33	95.3	
95.2	4.43	4.42	4.41	4.40	4.40	4.39	4.38	4.37	4.37	4.36	4.36	4.35	4.35	4.34	4.34	95.2	
95.1	4.44	4.43	4.42	4.41	4.40	4.40	4.39	4.38	4.38	4.37	4.36	4.36	4.35	4.35	4.34	95.1	
95.0	4.45	4.44	4.43	4.42	4.41	4.40	4.40	4.39	4.38	4.38	4.37	4.36	4.36	4.35	4.35	95.0	

4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
100.0	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	4.00	100.0	
99.9	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	99.9	
99.8	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	4.01	99.8	
99.7	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	4.02	99.7	
99.6	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.02	4.02	4.02	4.02	4.02	4.02	4.02	99.6	
99.5	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	4.03	99.5	
99.4	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.03	99.4	
99.3	4.05	4.05	4.05	4.05	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	4.04	99.3	
99.2	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	4.05	99.2	
99.1	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.05	4.05	4.05	99.1	
99.0	4.07	4.07	4.07	4.07	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	4.06	99.0	
98.9	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.07	4.06	98.9	
98.8	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.07	4.07	4.07	4.07	4.07	4.07	4.07	98.8	
98.7	4.09	4.09	4.09	4.09	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	4.08	98.7	
98.6	4.10	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.09	4.08	4.08	4.08	4.08	98.6	
98.5	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.09	4.09	4.09	4.09	4.09	4.09	4.09	98.5	
98.4	4.11	4.11	4.11	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.09	98.4	
98.3	4.12	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.10	4.10	4.10	4.10	4.10	98.3	
98.2	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.11	4.11	4.11	4.11	4.11	4.11	4.11	4.11	98.2	
98.1	4.13	4.13	4.13	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.11	4.11	4.11	98.1	
98.0	4.14	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.12	4.12	4.12	4.12	4.12	4.12	98.0	
97.9	4.14	4.14	4.14	4.14	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.12	97.9	
97.8	4.15	4.15	4.15	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.13	4.13	4.13	4.13	4.13	97.8	
97.7	4.16	4.15	4.15	4.15	4.15	4.15	4.15	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	97.7	
97.6	4.16	4.16	4.16	4.16	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.14	4.14	4.14	97.6	
97.5	4.17	4.17	4.17	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.15	4.15	4.15	4.15	4.15	97.5	
97.4	4.18	4.17	4.17	4.17	4.17	4.17	4.17	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.15	97.4	
97.3	4.18	4.18	4.18	4.18	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.16	4.16	4.16	4.16	97.3	
97.2	4.19	4.19	4.18	4.18	4.18	4.18	4.18	4.18	4.17	4.17	4.17	4.17	4.17	4.17	4.16	97.2	
97.1	4.20	4.19	4.19	4.19	4.19	4.19	4.18	4.18	4.18	4.18	4.18	4.18	4.17	4.17	4.17	97.1	
97.0	4.20	4.20	4.20	4.20	4.19	4.19	4.19	4.19	4.19	4.19	4.18	4.18	4.18	4.18	4.18	97.0	
96.9	4.21	4.21	4.20	4.20	4.20	4.20	4.20	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.18	96.9	
96.8	4.22	4.21	4.21	4.21	4.21	4.21	4.20	4.20	4.20	4.20	4.20	4.19	4.19	4.19	4.19	96.8	
96.7	4.23	4.22	4.22	4.22	4.21	4.21	4.21	4.21	4.21	4.20	4.20	4.20	4.20	4.20	4.19	96.7	
96.6	4.23	4.23	4.23	4.22	4.22	4.22	4.22	4.21	4.21	4.21	4.21	4.21	4.21	4.20	4.20	96.6	
96.5	4.24	4.24	4.23	4.23	4.23	4.23	4.22	4.22	4.22	4.22	4.22	4.21	4.21	4.21	4.21	96.5	
96.4	4.25	4.24	4.24	4.24	4.23	4.23	4.23	4.23	4.22	4.22	4.22	4.22	4.22	4.22	4.21	96.4	
96.3	4.25	4.25	4.25	4.24	4.24	4.24	4.24	4.23	4.23	4.23	4.23	4.23	4.22	4.22	4.22	96.3	
96.2	4.26	4.26	4.25	4.25	4.25	4.24	4.24	4.24	4.24	4.24	4.23	4.23	4.23	4.23	4.23	96.2	
96.1	4.27	4.26	4.26	4.26	4.26	4.25	4.25	4.25	4.24	4.24	4.24	4.24	4.24	4.24	4.23	96.1	
96.0	4.27	4.27	4.27	4.26	4.26	4.26	4.26	4.25	4.25	4.25	4.25	4.24	4.24	4.24	4.24	96.0	
95.9	4.28	4.28	4.27	4.27	4.27	4.26	4.26	4.26	4.26	4.25	4.25	4.25	4.25	4.25	4.24	95.9	
95.8	4.29	4.28	4.28	4.28	4.28	4.27	4.27	4.26	4.26	4.26	4.26	4.26	4.25	4.25	4.25	95.8	
95.7	4.30	4.29	4.29	4.28	4.28	4.28	4.27	4.27	4.27	4.27	4.26	4.26	4.26	4.26	4.26	95.7	
95.6	4.30	4.30	4.29	4.29	4.29	4.28	4.28	4.28	4.28	4.27	4.27	4.27	4.27	4.27	4.26	95.6	
95.5	4.31	4.31	4.30	4.30	4.30	4.29	4.29	4.28	4.28	4.28	4.28	4.27	4.27	4.27	4.27	95.5	
95.4	4.32	4.31	4.31	4.30	4.30	4.30	4.29	4.29	4.29	4.29	4.28	4.28	4.28	4.28	4.27	95.4	
95.3	4.32	4.32	4.32	4.31	4.31	4.31	4.30	4.30	4.30	4.29	4.29	4.29	4.28	4.28	4.28	95.3	
95.2	4.33	4.33	4.32	4.32	4.31	4.31	4.31	4.31	4.30	4.30	4.30	4.29	4.29	4.29	4.29	95.2	
95.1	4.34	4.34	4.33	4.33	4.32	4.32	4.31	4.31	4.31	4.31	4.30	4.30	4.30	4.30	4.29	95.1	
95.0	4.35	4.34	4.34	4.33	4.33	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.30	4.30	4.30	95.0	

4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	½	1	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	
95.0									5.26	5.15	5.05	4.97	4.91	4.85	4.80	95.0
94.9										5.17	5.08	4.99	4.93	4.87	4.82	94.9
94.8										5.19	5.10	5.01	4.94	4.89	4.84	94.8
94.7										5.22	5.12	5.03	4.96	4.90	4.85	94.7
94.6										5.24	5.14	5.05	4.98	4.92	4.87	94.6
94.5										5.26	5.16	5.08	5.00	4.94	4.89	94.5
94.4											5.18	5.10	5.02	4.96	4.90	94.4
94.3											5.21	5.12	5.04	4.98	4.92	94.3
94.2											5.23	5.14	5.06	4.99	4.93	94.2
94.1											5.25	5.16	5.08	5.01	4.95	94.1
94.0												5.18	5.10	5.03	4.97	94.0
93.9												5.20	5.12	5.05	4.98	93.9
93.8												5.22	5.13	5.06	5.00	93.8
93.7												5.24	5.15	5.08	5.02	93.7
93.6												5.26	5.17	5.10	5.04	93.6
93.5													5.19	5.12	5.05	93.5
93.4													5.21	5.13	5.07	93.4
93.3													5.23	5.15	5.09	93.3
93.2													5.25	5.17	5.10	93.2
93.1														5.19	5.12	93.1
93.0														5.21	5.14	93.0
92.9														5.22	5.15	92.9
92.8														5.24	5.17	92.8
92.7														5.26	5.19	92.7
92.6															5.20	92.6
92.5															5.22	92.5
92.4															5.24	92.4
92.3															5.26	92.3
92.2																92.2
92.1																92.1
92.0																92.0

Rates of interest realized above 5.25%
not tabulated

4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8½	9	9½	10	10½	11	11½	12	12½	13	13½	14	14½	15	
95.0	4.76	4.72	4.69	4.66	4.63	4.61	4.58	4.56	4.55	4.53	4.51	4.50	4.48	4.47	4.46	95.0
94.9	4.77	4.74	4.70	4.67	4.64	4.62	4.60	4.58	4.56	4.54	4.52	4.51	4.49	4.48	4.47	94.9
94.8	4.79	4.75	4.72	4.69	4.66	4.63	4.61	4.59	4.57	4.55	4.53	4.52	4.50	4.49	4.48	94.8
94.7	4.81	4.77	4.73	4.70	4.67	4.64	4.62	4.60	4.58	4.56	4.54	4.53	4.51	4.50	4.49	94.7
94.6	4.82	4.78	4.75	4.71	4.68	4.66	4.63	4.61	4.59	4.57	4.55	4.54	4.52	4.51	4.50	94.6
94.5	4.84	4.80	4.76	4.73	4.70	4.67	4.64	4.62	4.60	4.58	4.57	4.55	4.54	4.52	4.51	94.5
94.4	4.85	4.81	4.77	4.74	4.71	4.68	4.66	4.63	4.61	4.59	4.58	4.56	4.55	4.53	4.52	94.4
94.3	4.87	4.83	4.79	4.75	4.72	4.69	4.67	4.65	4.62	4.61	4.59	4.57	4.56	4.54	4.53	94.3
94.2	4.88	4.84	4.80	4.77	4.73	4.71	4.68	4.66	4.64	4.62	4.60	4.58	4.57	4.55	4.54	94.2
94.1	4.90	4.86	4.82	4.78	4.75	4.72	4.69	4.67	4.65	4.63	4.61	4.59	4.58	4.56	4.55	94.1
94.0	4.92	4.87	4.83	4.79	4.76	4.73	4.70	4.68	4.66	4.64	4.62	4.60	4.59	4.57	4.56	94.0
93.9	4.93	4.89	4.85	4.81	4.77	4.74	4.72	4.69	4.67	4.65	4.63	4.61	4.60	4.58	4.57	93.9
93.8	4.95	4.90	4.86	4.82	4.79	4.76	4.73	4.70	4.68	4.66	4.64	4.62	4.61	4.59	4.58	93.8
93.7	4.96	4.92	4.87	4.83	4.80	4.77	4.74	4.72	4.69	4.67	4.65	4.63	4.62	4.60	4.59	93.7
93.6	4.98	4.93	4.89	4.85	4.81	4.78	4.75	4.73	4.70	4.68	4.66	4.64	4.63	4.61	4.60	93.6
93.5	5.00	4.95	4.90	4.86	4.83	4.80	4.77	4.74	4.72	4.69	4.67	4.65	4.64	4.62	4.61	93.5
93.4	5.01	4.96	4.92	4.88	4.84	4.81	4.78	4.75	4.73	4.71	4.68	4.66	4.65	4.63	4.61	93.4
93.3	5.03	4.98	4.93	4.89	4.85	4.82	4.79	4.76	4.74	4.72	4.69	4.67	4.66	4.64	4.62	93.3
93.2	5.04	4.99	4.95	4.90	4.87	4.83	4.80	4.78	4.75	4.73	4.70	4.69	4.67	4.66	4.63	93.2
93.1	5.06	5.01	4.96	4.92	4.88	4.85	4.82	4.79	4.76	4.74	4.72	4.70	4.68	4.66	4.64	93.1
93.0	5.08	5.02	4.97	4.93	4.89	4.86	4.83	4.80	4.77	4.75	4.73	4.71	4.69	4.67	4.65	93.0
92.9	5.09	5.04	4.99	4.94	4.91	4.87	4.84	4.81	4.79	4.76	4.74	4.72	4.70	4.68	4.66	92.9
92.8	5.11	5.05	5.00	4.96	4.92	4.89	4.85	4.82	4.80	4.77	4.75	4.73	4.71	4.69	4.67	92.8
92.7	5.12	5.07	5.02	4.97	4.93	4.90	4.87	4.84	4.81	4.78	4.76	4.74	4.72	4.70	4.68	92.7
92.6	5.14	5.08	5.03	4.99	4.95	4.91	4.88	4.85	4.82	4.79	4.77	4.75	4.73	4.71	4.69	92.6
92.5	5.16	5.10	5.05	5.00	4.96	4.92	4.89	4.86	4.83	4.81	4.78	4.76	4.74	4.72	4.70	92.5
92.4	5.17	5.11	5.06	5.02	4.97	4.94	4.90	4.87	4.84	4.82	4.79	4.77	4.75	4.73	4.71	92.4
92.3	5.19	5.13	5.08	5.03	4.99	4.95	4.91	4.88	4.85	4.83	4.80	4.78	4.76	4.74	4.72	92.3
92.2	5.21	5.14	5.09	5.04	5.00	4.96	4.93	4.90	4.87	4.84	4.82	4.79	4.77	4.75	4.73	92.2
92.1	5.22	5.16	5.11	5.06	5.01	4.98	4.94	4.91	4.88	4.85	4.83	4.80	4.78	4.76	4.74	92.1
92.0	5.24	5.17	5.12	5.07	5.03	4.99	4.95	4.92	4.89	4.86	4.84	4.81	4.79	4.77	4.75	92.0
91.9	5.25	5.19	5.14	5.09	5.04	5.00	4.96	4.93	4.90	4.87	4.85	4.82	4.80	4.78	4.76	91.9
91.8		5.20	5.15	5.10	5.06	5.01	4.98	4.94	4.91	4.88	4.86	4.84	4.81	4.79	4.77	91.8
91.7		5.22	5.17	5.11	5.07	5.03	4.99	4.96	4.92	4.90	4.87	4.85	4.82	4.80	4.78	91.7
91.6		5.24	5.18	5.13	5.08	5.04	5.00	4.97	4.94	4.91	4.88	4.86	4.83	4.81	4.79	91.6
91.5		5.25	5.20	5.14	5.10	5.05	5.02	4.98	4.95	4.92	4.89	4.87	4.84	4.82	4.80	91.5
91.4			5.21	5.16	5.11	5.07	5.03	4.99	4.96	4.93	4.90	4.88	4.85	4.83	4.81	91.4
91.3			5.23	5.17	5.12	5.08	5.04	5.00	4.97	4.94	4.91	4.89	4.86	4.84	4.82	91.3
91.2			5.24	5.19	5.14	5.09	5.05	5.02	4.98	4.95	4.92	4.90	4.87	4.85	4.83	91.2
91.1			5.26	5.20	5.15	5.11	5.07	5.03	4.99	4.96	4.94	4.91	4.89	4.86	4.84	91.1
91.0				5.21	5.16	5.12	5.08	5.04	5.01	4.97	4.95	4.92	4.90	4.87	4.85	91.0
90.9				5.23	5.18	5.13	5.09	5.05	5.02	4.99	4.96	4.93	4.91	4.88	4.86	90.9
90.8				5.24	5.19	5.15	5.10	5.06	5.03	5.00	4.97	4.94	4.92	4.89	4.87	90.8
90.7				5.26	5.21	5.16	5.12	5.08	5.04	5.01	4.98	4.95	4.93	4.90	4.88	90.7
90.6					5.22	5.17	5.13	5.09	5.05	5.02	4.99	4.96	4.94	4.91	4.89	90.6
90.5					5.23	5.19	5.14	5.10	5.07	5.03	5.00	4.98	4.95	4.93	4.90	90.5
90.4					5.25	5.20	5.15	5.11	5.08	5.04	5.01	4.99	4.96	4.94	4.91	90.4
90.3						5.21	5.17	5.13	5.09	5.06	5.03	5.00	4.97	4.95	4.92	90.3
90.2						5.23	5.18	5.14	5.10	5.07	5.04	5.01	4.98	4.96	4.93	90.2
90.1						5.24	5.19	5.15	5.11	5.08	5.05	5.02	4.99	4.97	4.94	90.1
90.0						5.25	5.21	5.16	5.13	5.09	5.06	5.03	5.00	4.98	4.95	90.0

Prices below 90 these years—See page 24

4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	
95.0	4.45	4.44	4.43	4.42	4.41	4.41	4.40	4.39	4.38	4.38	4.37	4.37	4.36	4.36	4.35	95.0
94.9	4.46	4.45	4.44	4.43	4.42	4.41	4.40	4.40	4.39	4.39	4.38	4.37	4.37	4.36	4.36	94.9
94.8	4.47	4.46	4.45	4.44	4.43	4.42	4.41	4.41	4.40	4.39	4.39	4.38	4.37	4.37	4.37	94.8
94.7	4.48	4.47	4.46	4.45	4.44	4.43	4.42	4.41	4.41	4.40	4.39	4.39	4.38	4.38	4.37	94.7
94.6	4.49	4.48	4.47	4.46	4.45	4.44	4.43	4.42	4.42	4.41	4.40	4.40	4.39	4.38	4.38	94.6
94.5	4.50	4.49	4.48	4.47	4.46	4.45	4.44	4.43	4.42	4.42	4.41	4.40	4.40	4.39	4.39	94.5
94.4	4.51	4.50	4.48	4.47	4.46	4.46	4.45	4.44	4.43	4.42	4.42	4.41	4.40	4.40	4.39	94.4
94.3	4.52	4.50	4.49	4.48	4.47	4.46	4.45	4.45	4.44	4.43	4.43	4.42	4.41	4.41	4.40	94.3
94.2	4.53	4.51	4.50	4.49	4.48	4.47	4.46	4.46	4.45	4.44	4.43	4.43	4.42	4.41	4.41	94.2
94.1	4.53	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.46	4.45	4.44	4.43	4.43	4.42	4.42	94.1
94.0	4.54	4.53	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.46	4.45	4.44	4.43	4.43	4.42	94.0
93.9	4.55	4.54	4.53	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.46	4.45	4.44	4.44	4.43	93.9
93.8	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.46	4.45	4.44	4.44	93.8
93.7	4.57	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.46	4.45	4.44	93.7
93.6	4.58	4.57	4.56	4.55	4.53	4.52	4.51	4.51	4.50	4.49	4.48	4.47	4.47	4.46	4.45	93.6
93.5	4.59	4.58	4.57	4.55	4.54	4.53	4.52	4.51	4.51	4.50	4.49	4.48	4.47	4.47	4.46	93.5
93.4	4.60	4.59	4.58	4.56	4.55	4.54	4.53	4.52	4.51	4.51	4.50	4.49	4.48	4.47	4.47	93.4
93.3	4.61	4.60	4.58	4.57	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.50	4.49	4.48	4.48	93.3
93.2	4.62	4.61	4.59	4.58	4.57	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.50	4.49	4.48	93.2
93.1	4.63	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.50	4.49	93.1
93.0	4.64	4.62	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.50	93.0
92.9	4.65	4.63	4.62	4.61	4.59	4.58	4.57	4.56	4.55	4.54	4.54	4.53	4.52	4.51	4.51	92.9
92.8	4.66	4.64	4.63	4.62	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.54	4.53	4.52	4.51	92.8
92.7	4.67	4.65	4.64	4.62	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.54	4.53	4.52	92.7
92.6	4.68	4.66	4.65	4.63	4.62	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.54	4.53	92.6
92.5	4.69	4.67	4.66	4.64	4.63	4.62	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.54	92.5
92.4	4.70	4.68	4.67	4.65	4.64	4.63	4.62	4.61	4.59	4.58	4.58	4.57	4.56	4.55	4.54	92.4
92.3	4.71	4.69	4.68	4.66	4.65	4.63	4.62	4.61	4.60	4.59	4.58	4.58	4.57	4.56	4.55	92.3
92.2	4.72	4.70	4.68	4.67	4.66	4.64	4.63	4.62	4.61	4.60	4.59	4.58	4.58	4.57	4.56	92.2
92.1	4.73	4.71	4.69	4.68	4.67	4.65	4.64	4.63	4.62	4.61	4.60	4.59	4.58	4.58	4.56	92.1
92.0	4.74	4.72	4.70	4.69	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60	4.59	4.58	4.57	92.0
91.9	4.75	4.73	4.71	4.70	4.68	4.67	4.66	4.65	4.63	4.62	4.62	4.61	4.60	4.59	4.58	91.9
91.8	4.76	4.74	4.72	4.70	4.69	4.68	4.67	4.65	4.64	4.63	4.62	4.62	4.61	4.60	4.59	91.8
91.7	4.76	4.75	4.73	4.71	4.70	4.69	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.61	4.60	91.7
91.6	4.77	4.76	4.74	4.72	4.71	4.70	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	4.60	91.6
91.5	4.78	4.77	4.75	4.73	4.72	4.71	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	4.61	91.5
91.4	4.79	4.78	4.76	4.74	4.73	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	4.63	4.62	91.4
91.3	4.80	4.79	4.77	4.75	4.74	4.72	4.71	4.70	4.68	4.67	4.66	4.65	4.65	4.64	4.63	91.3
91.2	4.81	4.79	4.78	4.76	4.75	4.73	4.72	4.71	4.69	4.68	4.67	4.66	4.65	4.64	4.63	91.2
91.1	4.82	4.80	4.79	4.77	4.76	4.74	4.73	4.71	4.70	4.69	4.68	4.67	4.66	4.65	4.64	91.1
91.0	4.83	4.81	4.80	4.78	4.76	4.75	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.65	91.0
90.9	4.84	4.82	4.81	4.79	4.77	4.76	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	90.9
90.8	4.85	4.83	4.81	4.80	4.78	4.77	4.75	4.74	4.73	4.71	4.70	4.69	4.68	4.67	4.67	90.8
90.7	4.86	4.84	4.82	4.81	4.79	4.78	4.76	4.75	4.74	4.72	4.71	4.70	4.69	4.68	4.67	90.7
90.6	4.87	4.85	4.83	4.82	4.80	4.79	4.77	4.76	4.74	4.73	4.72	4.71	4.70	4.69	4.68	90.6
90.5	4.88	4.86	4.84	4.83	4.81	4.79	4.78	4.77	4.75	4.74	4.73	4.72	4.71	4.70	4.69	90.5
90.4	4.89	4.87	4.85	4.84	4.82	4.80	4.79	4.77	4.76	4.75	4.74	4.73	4.71	4.70	4.70	90.4
90.3	4.90	4.88	4.86	4.84	4.83	4.81	4.80	4.78	4.77	4.76	4.75	4.73	4.72	4.71	4.70	90.3
90.2	4.91	4.89	4.87	4.85	4.84	4.82	4.80	4.79	4.78	4.77	4.75	4.74	4.73	4.72	4.71	90.2
90.1	4.92	4.90	4.88	4.86	4.85	4.83	4.81	4.80	4.79	4.77	4.76	4.75	4.74	4.73	4.72	90.1
90.0	4.93	4.91	4.89	4.87	4.86	4.84	4.82	4.81	4.80	4.78	4.77	4.76	4.75	4.74	4.73	90.0

Prices 95 to 85 these years—See page 25

4% Bond—Interest payable semi-annually**RATES OF INTEREST REALIZED****if purchased at prices indicated and held to maturity**

Price	YEARS TO RUN															Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30	
95.0	4.35	4.34	4.34	4.33	4.33	4.32	4.32	4.32	4.31	4.31	4.31	4.30	4.30	4.30	4.30	95.0
94.9	4.35	4.35	4.34	4.34	4.34	4.33	4.33	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.30	94.9
94.8	4.36	4.35	4.35	4.35	4.34	4.34	4.33	4.33	4.33	4.32	4.32	4.32	4.31	4.31	4.31	94.8
94.7	4.37	4.36	4.36	4.35	4.35	4.34	4.34	4.34	4.33	4.33	4.33	4.32	4.32	4.32	4.32	94.7
94.6	4.37	4.37	4.36	4.36	4.36	4.35	4.35	4.34	4.34	4.34	4.33	4.33	4.33	4.32	4.32	94.6
94.5	4.38	4.38	4.37	4.37	4.36	4.36	4.35	4.35	4.35	4.34	4.34	4.34	4.33	4.33	4.33	94.5
94.4	4.39	4.38	4.38	4.37	4.37	4.36	4.36	4.36	4.35	4.35	4.35	4.34	4.34	4.34	4.34	94.4
94.3	4.40	4.39	4.39	4.38	4.38	4.37	4.37	4.36	4.36	4.36	4.35	4.35	4.35	4.34	4.34	94.3
94.2	4.40	4.40	4.39	4.39	4.38	4.38	4.37	4.37	4.37	4.36	4.36	4.36	4.35	4.35	4.35	94.2
94.1	4.41	4.40	4.40	4.40	4.39	4.39	4.38	4.38	4.37	4.37	4.37	4.36	4.36	4.36	4.35	94.1
94.0	4.42	4.41	4.41	4.40	4.40	4.39	4.39	4.38	4.38	4.38	4.37	4.37	4.36	4.36	4.36	94.0
93.9	4.42	4.42	4.41	4.41	4.41	4.40	4.39	4.39	4.39	4.38	4.38	4.37	4.37	4.37	4.37	93.9
93.8	4.43	4.43	4.42	4.42	4.41	4.41	4.40	4.40	4.39	4.39	4.39	4.38	4.38	4.38	4.37	93.8
93.7	4.44	4.43	4.43	4.42	4.42	4.41	4.41	4.40	4.40	4.40	4.39	4.39	4.38	4.38	4.38	93.7
93.6	4.45	4.44	4.44	4.43	4.43	4.42	4.42	4.41	4.41	4.40	4.40	4.40	4.39	4.39	4.39	93.6
93.5	4.45	4.45	4.44	4.44	4.43	4.43	4.42	4.42	4.41	4.41	4.41	4.40	4.40	4.40	4.39	93.5
93.4	4.46	4.46	4.45	4.45	4.44	4.43	4.43	4.42	4.42	4.42	4.41	4.41	4.40	4.40	4.40	93.4
93.3	4.47	4.46	4.46	4.45	4.45	4.44	4.44	4.43	4.43	4.42	4.42	4.42	4.41	4.41	4.40	93.3
93.2	4.48	4.47	4.47	4.46	4.45	4.45	4.44	4.44	4.43	4.43	4.43	4.42	4.42	4.41	4.41	93.2
93.1	4.48	4.48	4.47	4.47	4.46	4.46	4.45	4.45	4.44	4.44	4.43	4.43	4.43	4.42	4.42	93.1
93.0	4.49	4.49	4.48	4.47	4.47	4.46	4.46	4.45	4.45	4.44	4.44	4.44	4.43	4.43	4.42	93.0
92.9	4.50	4.49	4.49	4.48	4.48	4.47	4.46	4.46	4.45	4.45	4.45	4.44	4.44	4.43	4.43	92.9
92.8	4.51	4.50	4.49	4.49	4.48	4.48	4.47	4.47	4.46	4.46	4.45	4.45	4.44	4.44	4.44	92.8
92.7	4.51	4.51	4.50	4.50	4.49	4.48	4.48	4.47	4.47	4.46	4.46	4.46	4.45	4.45	4.44	92.7
92.6	4.52	4.51	4.51	4.50	4.50	4.49	4.48	4.48	4.47	4.47	4.47	4.46	4.46	4.45	4.45	92.6
92.5	4.53	4.52	4.52	4.51	4.50	4.50	4.49	4.49	4.48	4.48	4.47	4.47	4.46	4.46	4.46	92.5
92.4	4.54	4.53	4.52	4.52	4.51	4.50	4.50	4.49	4.49	4.48	4.48	4.47	4.47	4.47	4.46	92.4
92.3	4.54	4.54	4.53	4.52	4.52	4.51	4.51	4.50	4.49	4.49	4.48	4.48	4.48	4.47	4.47	92.3
92.2	4.55	4.54	4.54	4.53	4.52	4.52	4.51	4.51	4.50	4.50	4.49	4.49	4.48	4.48	4.48	92.2
92.1	4.56	4.55	4.54	4.54	4.53	4.53	4.52	4.51	4.51	4.50	4.50	4.49	4.49	4.49	4.48	92.1
92.0	4.56	4.56	4.55	4.54	4.54	4.53	4.53	4.52	4.51	4.51	4.50	4.50	4.50	4.49	4.49	92.0
91.9	4.57	4.56	4.56	4.55	4.55	4.54	4.53	4.53	4.52	4.52	4.51	4.51	4.50	4.50	4.49	91.9
91.8	4.58	4.57	4.57	4.56	4.55	4.55	4.54	4.53	4.53	4.52	4.52	4.52	4.51	4.51	4.50	91.8
91.7	4.59	4.58	4.57	4.57	4.56	4.55	4.55	4.54	4.54	4.53	4.52	4.52	4.52	4.51	4.51	91.7
91.6	4.60	4.59	4.58	4.57	4.57	4.56	4.55	4.55	4.54	4.54	4.53	4.53	4.52	4.52	4.51	91.6
91.5	4.60	4.60	4.59	4.58	4.57	4.57	4.56	4.56	4.55	4.54	4.54	4.53	4.53	4.53	4.52	91.5
91.4	4.61	4.60	4.60	4.59	4.58	4.57	4.57	4.56	4.56	4.55	4.54	4.54	4.54	4.53	4.53	91.4
91.3	4.62	4.61	4.60	4.60	4.59	4.58	4.58	4.57	4.56	4.56	4.55	4.55	4.54	4.54	4.53	91.3
91.2	4.63	4.62	4.61	4.60	4.60	4.59	4.58	4.58	4.57	4.56	4.56	4.55	4.55	4.54	4.54	91.2
91.1	4.63	4.63	4.62	4.61	4.60	4.60	4.59	4.58	4.58	4.57	4.57	4.56	4.56	4.55	4.55	91.1
91.0	4.64	4.63	4.63	4.62	4.61	4.60	4.60	4.59	4.58	4.58	4.57	4.57	4.56	4.56	4.55	91.0
90.9	4.65	4.64	4.63	4.63	4.62	4.61	4.60	4.60	4.59	4.59	4.58	4.57	4.57	4.56	4.56	90.9
90.8	4.66	4.65	4.64	4.63	4.62	4.62	4.61	4.60	4.60	4.59	4.59	4.58	4.58	4.57	4.57	90.8
90.7	4.66	4.66	4.65	4.64	4.63	4.62	4.62	4.61	4.61	4.60	4.59	4.59	4.58	4.58	4.57	90.7
90.6	4.67	4.66	4.66	4.65	4.64	4.63	4.62	4.62	4.61	4.61	4.60	4.59	4.59	4.58	4.58	90.6
90.5	4.68	4.67	4.66	4.66	4.65	4.64	4.63	4.63	4.62	4.61	4.61	4.60	4.60	4.59	4.59	90.5
90.4	4.69	4.68	4.67	4.66	4.65	4.65	4.64	4.63	4.63	4.62	4.61	4.61	4.60	4.60	4.59	90.4
90.3	4.69	4.69	4.68	4.67	4.66	4.65	4.65	4.64	4.63	4.63	4.62	4.62	4.61	4.60	4.60	90.3
90.2	4.70	4.69	4.69	4.68	4.67	4.66	4.65	4.65	4.64	4.63	4.63	4.62	4.62	4.61	4.61	90.2
90.1	4.71	4.70	4.69	4.68	4.68	4.67	4.66	4.65	4.65	4.64	4.64	4.63	4.62	4.62	4.61	90.1
90.0	4.72	4.71	4.70	4.69	4.68	4.68	4.67	4.66	4.65	4.65	4.64	4.64	4.63	4.62	4.62	90.0

Prices 90 to 85 these years—See page 26

4% Bond—Interest payable semi-annually
RATES OF INTEREST REALIZED
if purchased at prices indicated and held to maturity

4% Bond—Interest payable semi-annually**RATES OF INTEREST REALIZED****If purchased at prices indicated and held to maturity**

Price	YEARS TO RUN															Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	
90.0	4.93	4.91	4.89	4.87	4.86	4.84	4.82	4.81	4.80	4.78	4.77	4.76	4.75	4.74	4.73	90.0
89.9	4.94	4.92	4.90	4.88	4.87	4.85	4.83	4.82	4.80	4.79	4.78	4.77	4.75	4.74	4.73	89.9
89.8	4.95	4.93	4.91	4.89	4.87	4.86	4.84	4.83	4.81	4.80	4.79	4.77	4.76	4.75	4.74	89.8
89.7	4.96	4.94	4.92	4.90	4.88	4.87	4.85	4.83	4.82	4.81	4.80	4.78	4.77	4.76	4.75	89.7
89.6	4.97	4.95	4.93	4.91	4.89	4.87	4.86	4.84	4.83	4.82	4.80	4.79	4.78	4.77	4.76	89.6
89.5	4.98	4.96	4.94	4.92	4.90	4.88	4.87	4.85	4.84	4.82	4.81	4.80	4.79	4.78	4.77	89.5
89.4	4.99	4.97	4.95	4.93	4.91	4.89	4.88	4.86	4.85	4.83	4.82	4.81	4.80	4.79	4.77	89.4
89.3	5.00	4.98	4.96	4.94	4.92	4.90	4.89	4.87	4.85	4.84	4.83	4.82	4.80	4.79	4.78	89.3
89.2	5.01	4.99	4.97	4.95	4.93	4.91	4.89	4.88	4.86	4.85	4.84	4.82	4.81	4.80	4.79	89.2
89.1	5.02	5.00	4.97	4.96	4.94	4.92	4.90	4.89	4.87	4.86	4.85	4.83	4.82	4.81	4.80	89.1
89.0	5.03	5.01	4.98	4.97	4.95	4.93	4.91	4.90	4.88	4.87	4.85	4.84	4.83	4.82	4.81	89.0
88.9	5.04	5.02	4.99	4.98	4.96	4.94	4.92	4.90	4.89	4.87	4.86	4.85	4.84	4.83	4.81	88.9
88.8	5.05	5.03	5.00	4.99	4.96	4.95	4.93	4.91	4.90	4.88	4.87	4.86	4.84	4.83	4.82	88.8
88.7	5.06	5.04	5.01	4.99	4.97	4.96	4.94	4.92	4.91	4.89	4.88	4.87	4.85	4.84	4.83	88.7
88.6	5.07	5.05	5.02	5.00	4.98	4.96	4.95	4.93	4.92	4.90	4.89	4.87	4.86	4.85	4.84	88.6
88.5	5.08	5.06	5.03	5.01	4.99	4.97	4.96	4.94	4.92	4.91	4.90	4.88	4.87	4.86	4.85	88.5
88.4	5.09	5.07	5.04	5.02	5.00	4.98	4.97	4.95	4.93	4.92	4.90	4.89	4.88	4.87	4.85	88.4
88.3	5.10	5.08	5.05	5.03	5.01	4.99	4.98	4.96	4.94	4.93	4.91	4.90	4.89	4.87	4.86	88.3
88.2	5.11	5.09	5.06	5.04	5.02	5.00	4.98	4.97	4.95	4.93	4.92	4.91	4.89	4.88	4.87	88.2
88.1	5.12	5.10	5.07	5.05	5.03	5.01	4.99	4.98	4.96	4.94	4.93	4.92	4.90	4.89	4.88	88.1
88.0	5.13	5.11	5.08	5.06	5.04	5.02	5.00	4.98	4.97	4.95	4.94	4.92	4.91	4.90	4.88	88.0
87.9	5.14	5.12	5.09	5.07	5.05	5.03	5.01	4.99	4.98	4.96	4.94	4.93	4.92	4.91	4.89	87.9
87.8	5.15	5.13	5.10	5.08	5.06	5.04	5.02	5.00	4.99	4.97	4.95	4.94	4.93	4.91	4.90	87.8
87.7	5.16	5.14	5.11	5.09	5.07	5.05	5.03	5.01	4.99	4.98	4.96	4.95	4.93	4.92	4.91	87.7
87.6	5.17	5.15	5.12	5.10	5.08	5.06	5.04	5.02	5.00	4.99	4.97	4.96	4.94	4.93	4.92	87.6
87.5	5.18	5.16	5.13	5.11	5.09	5.07	5.05	5.03	5.01	5.00	4.98	4.97	4.95	4.94	4.93	87.5
87.4	5.19	5.17	5.14	5.12	5.10	5.08	5.06	5.04	5.02	5.00	4.99	4.97	4.96	4.95	4.93	87.4
87.3	5.20	5.18	5.15	5.13	5.11	5.09	5.07	5.05	5.03	5.01	5.00	4.98	4.97	4.95	4.94	87.3
87.2	5.21	5.19	5.16	5.14	5.12	5.10	5.08	5.06	5.04	5.02	5.00	4.99	4.98	4.96	4.95	87.2
87.1	5.22	5.20	5.17	5.15	5.12	5.10	5.08	5.07	5.05	5.03	5.01	5.00	4.98	4.97	4.96	87.1
87.0	5.23	5.21	5.18	5.16	5.13	5.11	5.09	5.07	5.06	5.04	5.02	5.01	4.99	4.98	4.97	87.0
86.9	5.24	5.22	5.19	5.17	5.14	5.12	5.10	5.08	5.07	5.05	5.03	5.01	5.00	4.99	4.97	86.9
86.8	5.25	5.23	5.20	5.18	5.15	5.13	5.11	5.09	5.07	5.06	5.04	5.02	5.01	4.99	4.98	86.8
86.7	5.24	5.21	5.19	5.16	5.14	5.12	5.10	5.08	5.07	5.05	5.03	5.02	5.00	4.99	4.97	86.7
86.6	5.25	5.23	5.20	5.17	5.15	5.13	5.11	5.09	5.08	5.06	5.04	5.03	5.01	5.00	4.98	86.6
86.5	5.23	5.21	5.18	5.16	5.14	5.12	5.10	5.08	5.07	5.05	5.04	5.02	5.01	4.99	4.97	86.5
86.4	5.24	5.22	5.19	5.17	5.15	5.13	5.11	5.09	5.07	5.06	5.04	5.03	5.02	5.00	4.99	86.4
86.3	5.25	5.23	5.20	5.18	5.16	5.14	5.12	5.10	5.08	5.07	5.05	5.04	5.02	5.01	4.99	86.3
86.2	5.23	5.21	5.19	5.17	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.00	4.99	86.2
86.1	5.24	5.22	5.20	5.18	5.16	5.14	5.12	5.10	5.09	5.08	5.06	5.05	5.03	5.02	5.00	86.1
86.0	5.25	5.23	5.21	5.19	5.17	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.00	86.0
85.9	5.24	5.22	5.20	5.18	5.16	5.14	5.12	5.10	5.09	5.07	5.06	5.04	5.03	5.01	4.99	85.9
85.8	5.25	5.23	5.20	5.18	5.16	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.00	85.8
85.7	5.24	5.21	5.19	5.17	5.15	5.14	5.12	5.10	5.09	5.07	5.06	5.04	5.03	5.01	4.99	85.7
85.6	5.25	5.22	5.20	5.18	5.16	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.00	85.6
85.5	5.23	5.21	5.19	5.17	5.15	5.14	5.12	5.10	5.08	5.07	5.05	5.04	5.02	5.01	4.99	85.5
85.4	5.24	5.22	5.20	5.18	5.16	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.00	85.4
85.3	5.25	5.23	5.21	5.19	5.17	5.15	5.14	5.12	5.10	5.09	5.07	5.06	5.04	5.03	5.01	85.3
85.2	5.24	5.22	5.20	5.18	5.16	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.00	85.2
85.1	5.25	5.23	5.21	5.19	5.17	5.16	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	85.1
85.0	5.24	5.22	5.20	5.18	5.16	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.00	85.0

Prices below 85 these years—See page 27

4% Bond—Interest payable semi-annually
RATES OF INTEREST REALIZED
 If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30	
90.0	4.72	4.71	4.70	4.69	4.68	4.68	4.67	4.66	4.65	4.65	4.64	4.64	4.63	4.62	4.62	90.0
89.9	4.72	4.72	4.71	4.70	4.69	4.68	4.68	4.67	4.66	4.66	4.65	4.64	4.64	4.63	4.62	89.9
89.8	4.73	4.72	4.71	4.71	4.70	4.69	4.68	4.67	4.67	4.66	4.66	4.65	4.64	4.64	4.63	89.8
89.7	4.74	4.73	4.72	4.71	4.71	4.70	4.69	4.68	4.68	4.67	4.66	4.66	4.65	4.64	4.64	89.7
89.6	4.75	4.74	4.73	4.72	4.71	4.70	4.70	4.69	4.68	4.68	4.67	4.66	4.66	4.65	4.65	89.6
89.5	4.76	4.75	4.74	4.73	4.72	4.71	4.70	4.70	4.69	4.68	4.68	4.67	4.66	4.66	4.65	89.5
89.4	4.76	4.75	4.74	4.74	4.73	4.72	4.71	4.70	4.70	4.69	4.68	4.68	4.67	4.66	4.66	89.4
89.3	4.77	4.76	4.75	4.74	4.74	4.73	4.72	4.71	4.70	4.70	4.69	4.68	4.68	4.67	4.67	89.3
89.2	4.78	4.77	4.76	4.75	4.74	4.73	4.73	4.72	4.71	4.70	4.70	4.69	4.68	4.68	4.67	89.2
89.1	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.73	4.72	4.71	4.70	4.70	4.69	4.69	4.68	89.1
89.0	4.79	4.78	4.77	4.76	4.76	4.75	4.74	4.73	4.72	4.72	4.71	4.70	4.70	4.69	4.69	89.0
88.9	4.80	4.79	4.78	4.77	4.76	4.76	4.75	4.74	4.73	4.73	4.72	4.71	4.70	4.70	4.69	88.9
88.8	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.75	4.74	4.73	4.72	4.72	4.71	4.71	4.70	88.8
88.7	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.75	4.74	4.73	4.73	4.72	4.71	4.71	88.7
88.6	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.75	4.74	4.73	4.73	4.72	4.71	88.6
88.5	4.83	4.82	4.81	4.80	4.79	4.79	4.78	4.77	4.76	4.75	4.75	4.74	4.73	4.73	4.72	88.5
88.4	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.78	4.77	4.76	4.75	4.75	4.74	4.73	4.73	88.4
88.3	4.85	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.78	4.77	4.76	4.75	4.75	4.74	4.73	88.3
88.2	4.86	4.85	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.77	4.76	4.75	4.75	4.74	88.2
88.1	4.87	4.86	4.84	4.83	4.82	4.81	4.81	4.80	4.79	4.78	4.77	4.77	4.76	4.75	4.75	88.1
88.0	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.81	4.80	4.79	4.78	4.77	4.77	4.76	4.75	88.0
87.9	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.81	4.80	4.79	4.78	4.77	4.77	4.76	87.9
87.8	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.80	4.80	4.79	4.78	4.77	4.77	87.8
87.7	4.90	4.89	4.88	4.86	4.85	4.84	4.84	4.83	4.82	4.81	4.80	4.80	4.79	4.78	4.78	87.7
87.6	4.91	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.83	4.82	4.81	4.80	4.79	4.79	4.78	87.6
87.5	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.83	4.82	4.81	4.80	4.80	4.79	87.5
87.4	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.83	4.82	4.81	4.80	4.80	87.4
87.3	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.82	4.81	4.80	87.3
87.2	4.94	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.86	4.85	4.84	4.83	4.82	4.82	4.81	87.2
87.1	4.95	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.85	4.84	4.83	4.82	4.82	87.1
87.0	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.85	4.84	4.83	4.82	87.0
86.9	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.85	4.84	4.83	86.9
86.8	4.97	4.96	4.95	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.85	4.84	4.84	86.8
86.7	4.98	4.97	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.88	4.88	4.87	4.86	4.85	4.85	86.7
86.6	4.99	4.97	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.87	4.86	4.85	86.6
86.5	5.00	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.87	4.86	86.5
86.4	5.00	4.99	4.98	4.97	4.96	4.94	4.93	4.92	4.92	4.91	4.90	4.89	4.88	4.87	4.87	86.4
86.3	5.01	5.00	4.99	4.97	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.90	4.89	4.88	4.87	86.3
86.2	5.02	5.01	4.99	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.90	4.89	4.88	86.2
86.1	5.03	5.02	5.00	4.99	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.89	86.1
86.0	5.04	5.02	5.01	5.00	4.99	4.97	4.96	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.90	86.0
85.9	5.04	5.03	5.02	5.01	5.00	4.98	4.97	4.96	4.95	4.94	4.93	4.93	4.92	4.91	4.90	85.9
85.8	5.05	5.04	5.03	5.01	5.00	4.99	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.92	4.91	85.8
85.7	5.06	5.05	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.92	85.7
85.6	5.07	5.06	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.96	4.95	4.94	4.93	4.92	85.6
85.5	5.08	5.06	5.05	5.04	5.03	5.02	5.00	4.99	4.98	4.97	4.96	4.95	4.95	4.94	4.93	85.5
85.4	5.08	5.07	5.06	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.96	4.95	4.95	4.94	85.4
85.3	5.09	5.08	5.07	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.96	4.95	4.95	85.3
85.2	5.10	5.09	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.96	4.95	85.2
85.1	5.11	5.10	5.08	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.96	85.1
85.0	5.12	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.96	85.0

Prices below 85 these years—See page 23

4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN														Price	
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22		22½
85.0									5.24	5.22	5.20	5.18	5.16	5.15	5.13	85.0
84.9									5.25	5.22	5.21	5.19	5.17	5.16	5.14	84.9
84.8										5.23	5.22	5.20	5.18	5.16	5.15	84.8
84.7										5.24	5.22	5.21	5.19	5.17	5.16	84.7
84.6										5.25	5.23	5.21	5.20	5.18	5.17	84.6
										*						
84.5											5.24	5.22	5.21	5.19	5.17	84.5
84.4											5.25	5.23	5.22	5.20	5.18	84.4
84.3												5.24	5.22	5.21	5.19	84.3
84.2												5.25	5.23	5.22	5.20	84.2
84.1													5.24	5.22	5.21	84.1
84.0													5.25	5.23	5.22	84.0
83.9														5.24	5.22	83.9
83.8														5.25	5.23	83.8
83.7															5.24	83.7
83.6															5.25	83.6
83.5																83.5
83.4																83.4
83.3																83.3
83.2																83.2
83.1																83.1
83.0																83.0

Rates of interest realized above 5.25%
not tabulated

4 % Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
85.0	5.12	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.97	85.0	
84.9	5.12	5.11	5.10	5.08	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.97	84.9	
84.8	5.13	5.12	5.11	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	84.8	
84.7	5.14	5.13	5.11	5.10	5.09	5.08	5.07	5.05	5.04	5.03	5.02	5.01	5.00	5.00	4.99	84.7	
84.6	5.15	5.13	5.12	5.11	5.10	5.09	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	5.00	84.6	
84.5	5.16	5.14	5.13	5.12	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	84.5	
84.4	5.17	5.15	5.14	5.13	5.11	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.02	5.01	84.4	
84.3	5.17	5.16	5.15	5.13	5.12	5.11	5.10	5.09	5.07	5.06	5.05	5.04	5.03	5.03	5.02	84.3	
84.2	5.18	5.17	5.15	5.14	5.13	5.12	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.03	84.2	
84.1	5.19	5.18	5.16	5.15	5.14	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	84.1	
84.0	5.20	5.18	5.17	5.16	5.14	5.13	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.05	5.04	84.0	
83.9	5.21	5.19	5.18	5.17	5.15	5.14	5.13	5.12	5.10	5.09	5.08	5.07	5.06	5.06	5.05	83.9	
83.8	5.21	5.20	5.19	5.17	5.16	5.15	5.14	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.05	83.8	
83.7	5.22	5.21	5.20	5.18	5.17	5.16	5.14	5.13	5.12	5.11	5.10	5.09	5.08	5.07	5.06	83.7	
83.6	5.23	5.21	5.20	5.19	5.18	5.16	5.15	5.14	5.13	5.12	5.11	5.10	5.09	5.08	5.07	83.6	
83.5	5.24	5.22	5.21	5.20	5.19	5.17	5.16	5.15	5.14	5.13	5.12	5.11	5.10	5.09	5.08	83.5	
83.4	5.24	5.23	5.22	5.21	5.19	5.18	5.17	5.16	5.14	5.13	5.12	5.11	5.10	5.09	5.08	83.4	
83.3	5.25	5.23	5.23	5.22	5.20	5.19	5.18	5.16	5.15	5.14	5.13	5.12	5.11	5.10	5.09	83.3	
83.2		5.24	5.24	5.22	5.21	5.20	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.11	5.10	83.2	
83.1		5.25	5.25	5.23	5.22	5.21	5.19	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.11	83.1	
83.0				5.24	5.23	5.21	5.20	5.19	5.18	5.17	5.15	5.14	5.13	5.12	5.11	83.0	
82.9				5.25	5.23	5.22	5.21	5.20	5.18	5.17	5.16	5.15	5.14	5.13	5.12	82.9	
82.8					5.24	5.23	5.22	5.20	5.19	5.18	5.17	5.16	5.15	5.14	5.13	82.8	
82.7					5.25	5.24	5.22	5.21	5.20	5.19	5.18	5.17	5.16	5.15	5.14	82.7	
82.6					5.25	5.23	5.22	5.21	5.20	5.19	5.17	5.16	5.15	5.14	5.13	82.6	
82.5							5.24	5.23	5.22	5.21	5.19	5.18	5.17	5.16	5.15	82.5	
82.4							5.25	5.24	5.22	5.21	5.20	5.19	5.18	5.17	5.16	82.4	
82.3								5.24	5.23	5.22	5.21	5.20	5.19	5.18	5.17	82.3	
82.2								5.25	5.24	5.23	5.22	5.20	5.19	5.18	5.17	82.2	
82.1								5.25	5.24	5.22	5.21	5.20	5.19	5.18	5.17	82.1	
82.0									5.24	5.23	5.22	5.21	5.20	5.19		82.0	
81.9									5.25	5.24	5.23	5.22	5.21	5.20		81.9	
81.8										5.25	5.24	5.23	5.22	5.21		81.8	
81.7											5.24	5.23	5.22	5.21		81.7	
81.6											5.25	5.24	5.23	5.22		81.6	
81.5												5.25	5.24	5.23		81.5	
81.4													5.25	5.24		81.4	
81.3														5.24		81.3	
81.2															5.25	81.2	
81.1																81.1	

4 1/4 % Bond—Interest payable semi-annually**RATES OF INTEREST REALIZED****if purchased at prices indicated and held to maturity**

Price	YEARS TO RUN															Price	
	½	1	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½		
105.0																105.0	
104.9																104.9	
104.8																104.8	
104.7																104.7	
104.6																104.6	
104.5																104.5	
104.4																104.4	
104.3																104.3	
104.2																104.2	
104.1																104.1	
104.0																104.0	
103.9																103.9	
103.8																103.8	
103.7																103.7	
103.6																103.6	
103.5																103.5	
103.4																103.4	
103.3																103.3	
103.2																103.2	
103.1																103.1	
103.0																103.0	
102.9																102.9	
102.8																102.8	
102.7																102.7	
102.6																102.6	
102.5																102.5	
102.4																102.4	
102.3																102.3	
102.2																102.2	
102.1																102.1	
102.0																102.0	
101.9																101.9	
101.8																101.8	
101.7																101.7	
101.6															4.00	101.6	
101.5															4.00	4.02	101.5
101.4															4.02	4.03	101.4
101.3															4.03	4.05	101.3
101.2															4.05	4.06	101.2
101.1															4.07	4.08	101.1
101.0																	101.0
100.9																	100.9
100.8																	100.8
100.7																	100.7
100.6																	100.6
100.5																	100.5
100.4																	100.4
100.3																	100.3
100.2																	100.2
100.1																	100.1
100.0																	100.0

Prices 100 to 95 these years—See page 33

4 1/4 % Bond—Interest payable semi-annually
RATES OF INTEREST REALIZED
 if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	
105.0																105.0
104.9																104.9
104.8																104.8
104.7																104.7
104.6																104.6
104.5																104.5
104.4																104.4
104.3																104.3
104.2																104.2
104.1																104.1
104.0																104.0
103.9																103.9
103.8																103.8
103.7																103.7
103.6																103.6
103.5																103.5
103.4																103.4
103.3																103.3
103.2																103.2
103.1																103.1
103.0																103.0
102.9																102.9
102.8															4.00	102.8
102.7															4.01	102.7
102.6															4.02	102.6
102.5															4.03	102.5
102.4															4.04	102.4
102.3															4.05	102.3
102.2															4.06	102.2
102.1															4.07	102.1
102.0															4.08	102.0
101.9															4.09	101.9
101.8															4.10	101.8
101.7															4.11	101.7
101.6															4.12	101.6
101.5															4.13	101.5
101.4															4.14	101.4
101.3															4.15	101.3
101.2															4.16	101.2
101.1															4.17	101.1
101.0															4.18	101.0
100.9															4.19	100.9
100.8															4.20	100.8
100.7															4.21	100.7
100.6															4.22	100.6
100.5															4.23	100.5
100.4															4.24	100.4
100.3															4.25	100.3
100.2															4.26	100.2
100.1															4.27	100.1
100.0															4.28	100.0

Prices 100 to 95 these years—See page 34

4 1/4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½		
105.0																105.0	
104.9																104.9	
104.8																104.8	
104.7																104.7	
104.6																104.6	
104.5																104.5	
104.4																104.4	
104.3																104.3	
104.2																104.2	
104.1																104.1	
104.0																104.0	
103.9																103.9	
103.8																103.8	
103.7																103.7	
103.6													4.00	4.00	4.01	103.6	
103.5												4.00	4.00	4.01	4.01	103.5	
103.4										4.00	4.01	4.01	4.02	4.02	4.02	103.4	
103.3									4.00	4.01	4.01	4.02	4.02	4.02	4.03	103.3	
103.2								4.00	4.01	4.01	4.02	4.02	4.02	4.03	4.03	103.2	
103.1					4.00	4.00	4.01	4.01	4.01	4.02	4.02	4.03	4.03	4.04	4.04	103.1	
103.0				4.00	4.00	4.01	4.01	4.02	4.02	4.03	4.03	4.03	4.04	4.04	4.05	103.0	
102.9	4.00	4.00	4.01	4.01	4.02	4.02	4.03	4.03	4.03	4.04	4.04	4.04	4.05	4.05	4.05	102.9	
102.8	4.01	4.01	4.02	4.02	4.03	4.03	4.04	4.04	4.04	4.05	4.05	4.06	4.06	4.06	4.06	102.8	
102.7	4.01	4.02	4.02	4.03	4.03	4.04	4.04	4.04	4.05	4.05	4.06	4.06	4.06	4.06	4.07	102.7	
102.6	4.02	4.03	4.03	4.04	4.04	4.05	4.05	4.05	4.06	4.06	4.06	4.07	4.07	4.07	4.07	102.6	
102.5	4.03	4.04	4.04	4.05	4.05	4.05	4.06	4.06	4.06	4.07	4.07	4.07	4.08	4.08	4.08	102.5	
102.4	4.04	4.04	4.05	4.05	4.06	4.06	4.06	4.07	4.07	4.07	4.08	4.08	4.08	4.08	4.09	102.4	
102.3	4.05	4.05	4.06	4.06	4.06	4.07	4.07	4.08	4.08	4.08	4.09	4.09	4.09	4.09	4.09	102.3	
102.2	4.06	4.06	4.07	4.07	4.07	4.08	4.08	4.08	4.09	4.09	4.09	4.09	4.09	4.10	4.10	102.2	
102.1	4.07	4.07	4.07	4.08	4.08	4.08	4.09	4.09	4.09	4.09	4.10	4.10	4.10	4.10	4.11	102.1	
102.0	4.07	4.08	4.08	4.09	4.09	4.09	4.10	4.10	4.10	4.10	4.10	4.11	4.11	4.11	4.11	102.0	
101.9	4.08	4.09	4.09	4.09	4.10	4.10	4.10	4.11	4.11	4.11	4.11	4.11	4.12	4.12	4.12	101.9	
101.8	4.09	4.10	4.10	4.10	4.11	4.11	4.11	4.11	4.12	4.12	4.12	4.12	4.12	4.12	4.13	101.8	
101.7	4.10	4.10	4.11	4.11	4.11	4.12	4.12	4.12	4.12	4.12	4.13	4.13	4.13	4.13	4.13	101.7	
101.6	4.11	4.11	4.12	4.12	4.12	4.12	4.13	4.13	4.13	4.13	4.13	4.13	4.14	4.14	4.14	101.6	
101.5	4.12	4.12	4.12	4.13	4.13	4.13	4.13	4.14	4.14	4.14	4.14	4.14	4.14	4.15	4.15	101.5	
101.4	4.13	4.13	4.13	4.14	4.14	4.14	4.14	4.14	4.15	4.15	4.15	4.15	4.15	4.15	4.15	101.4	
101.3	4.14	4.14	4.14	4.14	4.14	4.15	4.15	4.15	4.15	4.15	4.16	4.16	4.16	4.16	4.16	101.3	
101.2	4.14	4.15	4.15	4.15	4.15	4.15	4.16	4.16	4.16	4.16	4.16	4.16	4.17	4.17	4.17	101.2	
101.1	4.15	4.16	4.16	4.16	4.16	4.16	4.16	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.18	101.1	
101.0	4.16	4.16	4.17	4.17	4.17	4.17	4.17	4.17	4.18	4.18	4.18	4.18	4.18	4.18	4.18	101.0	
100.9	4.17	4.17	4.17	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.19	4.19	4.19	4.19	4.19	100.9	
100.8	4.18	4.18	4.18	4.18	4.18	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.20	100.8	
100.7	4.19	4.19	4.19	4.19	4.19	4.19	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	100.7	
100.6	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.21	4.21	4.21	4.21	4.21	4.21	4.21	100.6	
100.5	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.22	4.22	4.22	100.5	
100.4	4.21	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	100.4	
100.3	4.22	4.22	4.22	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	100.3	
100.2	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.24	4.24	4.24	4.24	4.24	4.24	4.24	100.2	
100.1	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	100.1	
100.0	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	100.0	

Prices 100 to 95 these years—See page 25

4 1/4 % Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
105.0																105.0	
104.9																104.9	
104.8																104.8	
104.7																104.7	
104.6																104.6	
104.5																104.5	
104.4																104.4	
104.3																104.3	
104.2																104.2	
104.1									4.00	4.00	4.00	4.00	4.00	4.00	4.00	104.1	
104.0								4.00	4.00	4.01	4.01	4.01	4.01	4.02	4.02	104.0	
103.9					4.00	4.00	4.01	4.01	4.01	4.01	4.02	4.02	4.02	4.02	4.02	103.9	
103.8		4.00	4.01	4.01	4.01	4.01	4.02	4.02	4.02	4.02	4.03	4.03	4.03	4.03	4.03	103.8	
103.7	4.00	4.01	4.01	4.01	4.01	4.02	4.02	4.02	4.03	4.03	4.03	4.03	4.03	4.04	4.04	103.7	
103.6	4.01	4.01	4.02	4.02	4.02	4.02	4.03	4.03	4.03	4.04	4.04	4.04	4.04	4.04	4.04	103.6	
103.5	4.02	4.02	4.02	4.02	4.03	4.03	4.03	4.03	4.04	4.04	4.04	4.04	4.05	4.05	4.05	103.5	
103.4	4.02	4.03	4.03	4.03	4.03	4.04	4.04	4.04	4.04	4.04	4.05	4.05	4.05	4.05	4.05	103.4	
103.3	4.03	4.03	4.03	4.04	4.04	4.04	4.04	4.05	4.05	4.05	4.05	4.05	4.06	4.06	4.06	103.3	
103.2	4.04	4.04	4.04	4.04	4.05	4.05	4.05	4.05	4.05	4.06	4.06	4.06	4.06	4.06	4.06	103.2	
103.1	4.04	4.05	4.05	4.05	4.05	4.05	4.06	4.06	4.06	4.06	4.06	4.07	4.07	4.07	4.07	103.1	
103.0	4.05	4.05	4.05	4.06	4.06	4.06	4.06	4.06	4.07	4.07	4.07	4.07	4.07	4.08	4.08	103.0	
102.9	4.06	4.06	4.06	4.06	4.06	4.07	4.07	4.07	4.07	4.08	4.08	4.08	4.08	4.08	4.08	102.9	
102.8	4.06	4.06	4.07	4.07	4.07	4.07	4.07	4.08	4.08	4.08	4.08	4.08	4.09	4.09	4.09	102.8	
102.7	4.07	4.07	4.07	4.08	4.08	4.08	4.08	4.08	4.09	4.09	4.09	4.09	4.09	4.09	4.09	102.7	
102.6	4.08	4.08	4.08	4.08	4.08	4.09	4.09	4.09	4.09	4.09	4.09	4.10	4.10	4.10	4.10	102.6	
102.5	4.08	4.08	4.09	4.09	4.09	4.09	4.09	4.10	4.10	4.10	4.10	4.10	4.10	4.10	4.11	102.5	
102.4	4.09	4.09	4.09	4.09	4.10	4.10	4.10	4.10	4.10	4.11	4.11	4.11	4.11	4.11	4.11	102.4	
102.3	4.09	4.10	4.10	4.10	4.10	4.10	4.11	4.11	4.11	4.11	4.11	4.11	4.12	4.12	4.12	102.3	
102.2	4.10	4.10	4.11	4.11	4.11	4.11	4.11	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	102.2	
102.1	4.11	4.11	4.11	4.11	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.12	4.13	4.13	4.13	102.1	
102.0	4.11	4.12	4.12	4.12	4.12	4.12	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	4.13	102.0	
101.9	4.12	4.12	4.12	4.13	4.13	4.13	4.13	4.13	4.13	4.14	4.14	4.14	4.14	4.14	4.14	101.9	
101.8	4.13	4.13	4.13	4.13	4.13	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.15	101.8	
101.7	4.13	4.14	4.14	4.14	4.14	4.14	4.14	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	101.7	
101.6	4.14	4.14	4.14	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.15	4.16	4.16	4.16	101.6	
101.5	4.15	4.15	4.15	4.15	4.15	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	101.5	
101.4	4.15	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.16	4.17	4.17	4.17	4.17	4.17	101.4	
101.3	4.16	4.16	4.16	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.17	101.3	
101.2	4.17	4.17	4.17	4.17	4.17	4.17	4.17	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	101.2	
101.1	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.18	4.19	4.19	101.1	
101.0	4.18	4.18	4.18	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	101.0	
100.9	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.19	4.20	4.20	4.20	4.20	4.20	100.9	
100.8	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	4.20	100.8	
100.7	4.20	4.20	4.20	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	100.7	
100.6	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.21	4.22	4.22	100.6	
100.5	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	100.5	
100.4	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.22	4.23	4.23	4.23	4.23	4.23	4.23	4.23	100.4	
100.3	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	4.23	100.3	
100.2	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	100.2	
100.1	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	4.24	100.1	
100.0	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	100.0	

Prices 100 to 95 these years—See page 36

4 1/4 % Bond—Interest payable semi-annually**RATES OF INTEREST REALIZED**

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	½	1	1½	2	2½	3	3½	4	4½	5	5½	6	6½	7	7½	
100.0	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	100.0
99.9	4.46	4.35	4.32	4.30	4.29	4.29	4.28	4.28	4.27	4.27	4.27	4.27	4.27	4.27	4.27	99.9
99.8	4.66	4.46	4.39	4.36	4.34	4.32	4.31	4.31	4.30	4.30	4.29	4.29	4.29	4.28	4.28	99.8
99.7	4.87	4.56	4.46	4.41	4.38	4.36	4.34	4.33	4.32	4.32	4.31	4.31	4.30	4.30	4.30	99.7
99.6	5.07	4.67	4.53	4.46	4.42	4.39	4.37	4.36	4.35	4.34	4.33	4.33	4.32	4.32	4.31	99.6
99.5	5.28	4.77	4.60	4.52	4.46	4.43	4.41	4.39	4.37	4.36	4.35	4.35	4.34	4.33	4.33	99.5
99.4		4.87	4.67	4.57	4.51	4.47	4.44	4.42	4.40	4.39	4.37	4.37	4.36	4.35	4.34	99.4
99.3		4.98	4.74	4.62	4.55	4.50	4.47	4.44	4.42	4.41	4.39	4.38	4.37	4.37	4.36	99.3
99.2		5.08	4.81	4.67	4.59	4.54	4.50	4.47	4.45	4.43	4.41	4.40	4.39	4.38	4.38	99.2
99.1		5.19	4.88	4.73	4.64	4.57	4.53	4.50	4.47	4.45	4.44	4.42	4.41	4.40	4.39	99.1
99.0		5.29	4.95	4.78	4.68	4.61	4.56	4.53	4.50	4.48	4.46	4.44	4.43	4.42	4.41	99.0
98.9			5.02	4.83	4.72	4.65	4.59	4.55	4.52	4.50	4.48	4.46	4.45	4.44	4.42	98.9
98.8			5.09	4.89	4.76	4.68	4.63	4.58	4.55	4.52	4.50	4.48	4.46	4.45	4.44	98.8
98.7			5.16	4.94	4.81	4.72	4.66	4.61	4.57	4.54	4.52	4.50	4.48	4.47	4.46	98.7
98.6			5.23	5.00	4.85	4.76	4.69	4.64	4.60	4.57	4.54	4.52	4.50	4.49	4.47	98.6
98.5			5.31	5.05	4.90	4.79	4.72	4.67	4.62	4.59	4.56	4.54	4.52	4.50	4.49	98.5
98.4				5.10	4.94	4.83	4.75	4.69	4.65	4.61	4.58	4.56	4.54	4.52	4.50	98.4
98.3				5.16	4.98	4.87	4.78	4.72	4.67	4.64	4.60	4.58	4.56	4.54	4.52	98.3
98.2				5.21	5.03	4.90	4.81	4.75	4.70	4.66	4.62	4.60	4.57	4.55	4.54	98.2
98.1				5.26	5.07	4.94	4.85	4.78	4.72	4.68	4.65	4.62	4.59	4.57	4.55	98.1
98.0					5.11	4.98	4.88	4.81	4.75	4.70	4.67	4.64	4.61	4.59	4.57	98.0
97.9					5.16	5.01	4.91	4.83	4.77	4.73	4.69	4.66	4.63	4.61	4.58	97.9
97.8					5.20	5.05	4.94	4.86	4.80	4.75	4.71	4.68	4.65	4.62	4.60	97.8
97.7					5.24	5.09	4.97	4.89	4.82	4.77	4.73	4.69	4.66	4.64	4.62	97.7
97.6					5.29	5.12	5.01	4.92	4.85	4.80	4.75	4.71	4.68	4.66	4.63	97.6
97.5						5.16	5.04	4.95	4.88	4.82	4.77	4.73	4.70	4.67	4.65	97.5
97.4						5.20	5.07	4.98	4.90	4.84	4.79	4.75	4.72	4.69	4.67	97.4
97.3						5.24	5.10	5.00	4.93	4.87	4.81	4.77	4.74	4.71	4.68	97.3
97.2						5.27	5.13	5.03	4.95	4.89	4.84	4.79	4.76	4.72	4.70	97.2
97.1							5.17	5.06	4.97	4.91	4.86	4.81	4.77	4.74	4.71	97.1
97.0							5.20	5.09	5.00	4.93	4.88	4.83	4.79	4.76	4.73	97.0
96.9							5.23	5.12	5.03	4.96	4.90	4.85	4.81	4.78	4.75	96.9
96.8							5.26	5.15	5.05	4.98	4.92	4.87	4.83	4.79	4.76	96.8
96.7								5.17	5.08	5.00	4.94	4.89	4.85	4.81	4.78	96.7
96.6								5.20	5.11	5.03	4.96	4.91	4.87	4.83	4.80	96.6
96.5								5.23	5.13	5.05	4.99	4.93	4.89	4.85	4.81	96.5
96.4								5.26	5.16	5.07	5.01	4.95	4.90	4.86	4.83	96.4
96.3									5.18	5.10	5.03	4.97	4.92	4.88	4.84	96.3
96.2									5.21	5.12	5.05	4.99	4.94	4.90	4.86	96.2
96.1									5.23	5.14	5.07	5.01	4.96	4.91	4.88	96.1
96.0									5.26	5.17	5.09	5.03	4.98	4.93	4.89	96.0
95.9									5.19	5.12	5.05	5.00	4.95	4.91	4.87	95.9
95.8									5.22	5.14	5.07	5.02	4.97	4.93	4.89	95.8
95.7									5.24	5.16	5.09	5.03	4.99	4.94	4.90	95.7
95.6									5.26	5.18	5.11	5.05	5.00	4.96	4.92	95.6
95.5										5.20	5.13	5.07	5.02	4.98	4.94	95.5
95.4										5.22	5.15	5.09	5.04	4.99	4.95	95.4
95.3										5.25	5.17	5.11	5.06	5.01	4.97	95.3
95.2											5.19	5.13	5.07	5.03	4.99	95.2
95.1												5.21	5.15	5.09	5.04	95.1
95.0													5.23	5.16	5.11	95.0

Prices below 95 these years—See page 37

4 1/4 % Bond—Interest payable semi-annually
RATES OF INTEREST REALIZED
If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	
100.0	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	100.0
99.9	4.27	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	99.9
99.8	4.28	4.28	4.28	4.28	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	99.8
99.7	4.30	4.29	4.29	4.29	4.29	4.29	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	99.7
99.6	4.31	4.31	4.30	4.30	4.30	4.30	4.30	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	99.6
99.5	4.33	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.30	4.30	4.30	4.30	4.30	4.30	4.30	99.5
99.4	4.34	4.34	4.33	4.33	4.32	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.31	4.31	4.31	99.4
99.3	4.36	4.35	4.35	4.34	4.34	4.33	4.33	4.33	4.32	4.32	4.32	4.32	4.32	4.32	4.31	99.3
99.2	4.37	4.36	4.36	4.35	4.35	4.35	4.34	4.34	4.34	4.33	4.33	4.33	4.33	4.33	4.32	99.2
99.1	4.39	4.38	4.37	4.37	4.36	4.36	4.35	4.35	4.35	4.34	4.34	4.34	4.34	4.33	4.33	99.1
99.0	4.40	4.39	4.39	4.38	4.37	4.37	4.37	4.36	4.36	4.35	4.35	4.35	4.35	4.34	4.34	99.0
98.9	4.42	4.41	4.40	4.39	4.39	4.38	4.38	4.37	4.37	4.36	4.36	4.36	4.36	4.35	4.35	98.9
98.8	4.43	4.42	4.41	4.41	4.40	4.39	4.39	4.38	4.38	4.38	4.37	4.37	4.37	4.36	4.36	98.8
98.7	4.45	4.44	4.43	4.42	4.41	4.41	4.40	4.40	4.39	4.39	4.38	4.38	4.37	4.37	4.37	98.7
98.6	4.46	4.45	4.44	4.43	4.42	4.42	4.41	4.41	4.40	4.40	4.39	4.39	4.38	4.38	4.38	98.6
98.5	4.48	4.46	4.46	4.45	4.44	4.43	4.42	4.42	4.41	4.41	4.40	4.40	4.39	4.39	4.39	98.5
98.4	4.49	4.48	4.47	4.46	4.45	4.44	4.44	4.43	4.42	4.42	4.41	4.41	4.40	4.40	4.40	98.4
98.3	4.51	4.49	4.48	4.47	4.46	4.45	4.45	4.44	4.43	4.43	4.42	4.42	4.41	4.41	4.41	98.3
98.2	4.52	4.51	4.50	4.49	4.47	4.47	4.46	4.45	4.44	4.44	4.43	4.43	4.42	4.42	4.42	98.2
98.1	4.54	4.52	4.51	4.50	4.49	4.48	4.47	4.46	4.46	4.45	4.44	4.44	4.43	4.43	4.42	98.1
98.0	4.55	4.54	4.52	4.51	4.50	4.49	4.48	4.47	4.47	4.46	4.45	4.45	4.44	4.44	4.43	98.0
97.9	4.57	4.55	4.54	4.53	4.51	4.50	4.49	4.49	4.48	4.47	4.46	4.46	4.45	4.45	4.44	97.9
97.8	4.58	4.57	4.55	4.54	4.53	4.51	4.51	4.50	4.49	4.48	4.47	4.47	4.46	4.46	4.45	97.8
97.7	4.60	4.58	4.57	4.55	4.54	4.53	4.52	4.51	4.50	4.49	4.49	4.48	4.47	4.47	4.46	97.7
97.6	4.61	4.59	4.58	4.56	4.55	4.54	4.53	4.52	4.51	4.50	4.50	4.49	4.48	4.48	4.47	97.6
97.5	4.63	4.61	4.59	4.58	4.56	4.55	4.54	4.53	4.52	4.51	4.51	4.50	4.49	4.49	4.48	97.5
97.4	4.64	4.62	4.61	4.59	4.58	4.56	4.55	4.54	4.53	4.52	4.52	4.51	4.50	4.50	4.49	97.4
97.3	4.66	4.64	4.62	4.60	4.59	4.58	4.56	4.55	4.54	4.53	4.52	4.52	4.51	4.51	4.50	97.3
97.2	4.67	4.65	4.63	4.62	4.60	4.59	4.57	4.56	4.55	4.55	4.54	4.53	4.52	4.51	4.51	97.2
97.1	4.69	4.67	4.65	4.63	4.62	4.60	4.59	4.57	4.57	4.56	4.55	4.54	4.53	4.52	4.52	97.1
97.0	4.70	4.68	4.66	4.64	4.63	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.53	4.53	97.0
96.9	4.72	4.70	4.68	4.66	4.64	4.62	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.54	4.54	96.9
96.8	4.74	4.71	4.69	4.67	4.65	4.64	4.62	4.61	4.60	4.59	4.58	4.57	4.56	4.55	4.55	96.8
96.7	4.75	4.73	4.70	4.68	4.67	4.65	4.63	4.62	4.61	4.60	4.59	4.58	4.57	4.56	4.56	96.7
96.6	4.77	4.74	4.72	4.70	4.68	4.66	4.65	4.63	4.62	4.61	4.60	4.59	4.58	4.57	4.57	96.6
96.5	4.78	4.76	4.73	4.71	4.69	4.68	4.66	4.65	4.63	4.62	4.61	4.60	4.59	4.58	4.58	96.5
96.4	4.80	4.77	4.75	4.72	4.71	4.69	4.67	4.66	4.64	4.63	4.62	4.61	4.60	4.59	4.59	96.4
96.3	4.81	4.79	4.76	4.74	4.72	4.70	4.68	4.67	4.66	4.64	4.63	4.62	4.61	4.60	4.60	96.3
96.2	4.83	4.80	4.77	4.75	4.73	4.71	4.70	4.68	4.67	4.65	4.64	4.63	4.62	4.61	4.60	96.2
96.1	4.84	4.82	4.79	4.76	4.75	4.73	4.71	4.69	4.68	4.67	4.65	4.64	4.63	4.62	4.61	96.1
96.0	4.86	4.83	4.80	4.78	4.76	4.74	4.72	4.70	4.69	4.68	4.66	4.65	4.64	4.63	4.62	96.0
95.9	4.88	4.84	4.82	4.79	4.77	4.75	4.73	4.72	4.70	4.69	4.67	4.66	4.65	4.64	4.63	95.9
95.8	4.89	4.86	4.83	4.81	4.78	4.76	4.74	4.73	4.71	4.70	4.69	4.67	4.66	4.65	4.64	95.8
95.7	4.91	4.87	4.84	4.82	4.80	4.78	4.76	4.74	4.72	4.71	4.70	4.68	4.67	4.66	4.65	95.7
95.6	4.92	4.89	4.86	4.83	4.81	4.79	4.77	4.75	4.74	4.72	4.71	4.69	4.68	4.67	4.66	95.6
95.5	4.94	4.90	4.87	4.85	4.82	4.80	4.78	4.76	4.75	4.73	4.72	4.70	4.69	4.68	4.67	95.5
95.4	4.95	4.92	4.89	4.86	4.84	4.81	4.79	4.77	4.76	4.74	4.73	4.71	4.70	4.69	4.68	95.4
95.3	4.97	4.93	4.90	4.87	4.85	4.83	4.81	4.79	4.77	4.75	4.74	4.72	4.71	4.70	4.69	95.3
95.2	4.98	4.95	4.92	4.89	4.86	4.84	4.82	4.80	4.78	4.76	4.75	4.74	4.72	4.71	4.70	95.2
95.1	5.00	4.96	4.93	4.90	4.88	4.85	4.83	4.81	4.79	4.78	4.76	4.75	4.73	4.72	4.71	95.1
95.0	5.02	4.98	4.94	4.91	4.89	4.86	4.84	4.82	4.80	4.79	4.77	4.76	4.74	4.73	4.72	95.0

4 1/4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	
100.0	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	100.0
99.9	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	99.9
99.8	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.26	4.26	4.26	4.26	4.26	99.8
99.7	4.28	4.28	4.28	4.28	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	99.7
99.6	4.29	4.29	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	99.6
99.5	4.30	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	99.5
99.4	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.29	4.29	4.29	4.29	4.29	99.4
99.3	4.31	4.31	4.31	4.31	4.31	4.31	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	99.3
99.2	4.32	4.32	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	99.2
99.1	4.33	4.33	4.33	4.33	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.31	4.31	4.31	99.1
99.0	4.34	4.34	4.34	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.32	4.32	4.32	4.32	4.32	99.0
98.9	4.35	4.35	4.34	4.34	4.34	4.34	4.34	4.34	4.33	4.33	4.33	4.33	4.33	4.33	4.33	98.9
98.8	4.36	4.36	4.35	4.35	4.35	4.35	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	98.8
98.7	4.37	4.36	4.36	4.36	4.36	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.34	4.34	4.34	98.7
98.6	4.38	4.37	4.37	4.37	4.37	4.36	4.36	4.36	4.36	4.36	4.35	4.35	4.35	4.35	4.35	98.6
98.5	4.39	4.38	4.38	4.38	4.37	4.37	4.37	4.37	4.37	4.36	4.36	4.36	4.36	4.36	4.36	98.5
98.4	4.39	4.39	4.39	4.38	4.38	4.38	4.38	4.37	4.37	4.37	4.37	4.37	4.37	4.36	4.36	98.4
98.3	4.40	4.40	4.40	4.39	4.39	4.39	4.38	4.38	4.38	4.38	4.37	4.37	4.37	4.37	4.37	98.3
98.2	4.41	4.41	4.40	4.40	4.40	4.40	4.39	4.39	4.39	4.39	4.38	4.38	4.38	4.38	4.38	98.2
98.1	4.42	4.42	4.41	4.41	4.41	4.40	4.40	4.40	4.40	4.39	4.39	4.39	4.39	4.39	4.38	98.1
98.0	4.43	4.43	4.42	4.42	4.42	4.41	4.41	4.41	4.40	4.40	4.40	4.40	4.39	4.39	4.39	98.0
97.9	4.44	4.44	4.43	4.43	4.42	4.42	4.42	4.41	4.41	4.41	4.41	4.40	4.40	4.40	4.40	97.9
97.8	4.45	4.44	4.44	4.44	4.43	4.43	4.42	4.42	4.42	4.42	4.41	4.41	4.41	4.41	4.41	97.8
97.7	4.46	4.45	4.45	4.44	4.44	4.44	4.43	4.43	4.43	4.42	4.42	4.42	4.42	4.41	4.41	97.7
97.6	4.47	4.46	4.46	4.45	4.45	4.44	4.44	4.44	4.44	4.43	4.43	4.43	4.42	4.42	4.42	97.6
97.5	4.48	4.47	4.47	4.46	4.46	4.45	4.45	4.45	4.44	4.44	4.44	4.43	4.43	4.43	4.43	97.5
97.4	4.49	4.48	4.47	4.47	4.47	4.46	4.46	4.45	4.45	4.45	4.44	4.44	4.44	4.44	4.43	97.4
97.3	4.49	4.49	4.48	4.48	4.47	4.47	4.47	4.46	4.46	4.46	4.45	4.45	4.44	4.44	4.44	97.3
97.2	4.50	4.50	4.49	4.49	4.48	4.48	4.47	4.47	4.47	4.46	4.46	4.46	4.45	4.45	4.45	97.2
97.1	4.51	4.51	4.50	4.50	4.49	4.49	4.48	4.48	4.47	4.47	4.47	4.46	4.46	4.46	4.45	97.1
97.0	4.52	4.52	4.51	4.50	4.50	4.49	4.49	4.49	4.48	4.48	4.47	4.47	4.47	4.46	4.46	97.0
96.9	4.53	4.53	4.52	4.51	4.51	4.50	4.50	4.49	4.49	4.49	4.48	4.48	4.47	4.47	4.47	96.9
96.8	4.54	4.53	4.53	4.52	4.52	4.51	4.51	4.50	4.50	4.49	4.49	4.49	4.48	4.48	4.48	96.8
96.7	4.55	4.54	4.54	4.53	4.53	4.52	4.51	4.51	4.51	4.50	4.50	4.49	4.49	4.49	4.48	96.7
96.6	4.56	4.55	4.55	4.54	4.53	4.53	4.52	4.52	4.51	4.51	4.51	4.50	4.50	4.49	4.49	96.6
96.5	4.57	4.56	4.56	4.55	4.54	4.54	4.53	4.53	4.52	4.52	4.51	4.51	4.51	4.50	4.50	96.5
96.4	4.58	4.57	4.56	4.56	4.55	4.54	4.54	4.53	4.53	4.52	4.52	4.52	4.51	4.51	4.51	96.4
96.3	4.59	4.58	4.57	4.57	4.56	4.55	4.55	4.54	4.54	4.53	4.53	4.52	4.52	4.52	4.51	96.3
96.2	4.60	4.59	4.58	4.57	4.57	4.56	4.56	4.55	4.54	4.54	4.54	4.53	4.53	4.52	4.52	96.2
96.1	4.61	4.60	4.59	4.58	4.58	4.57	4.56	4.56	4.55	4.55	4.54	4.54	4.54	4.53	4.53	96.1
96.0	4.62	4.61	4.60	4.59	4.58	4.58	4.57	4.57	4.56	4.56	4.55	4.55	4.54	4.54	4.54	96.0
95.9	4.63	4.62	4.61	4.60	4.59	4.59	4.58	4.57	4.57	4.56	4.56	4.56	4.55	4.55	4.54	95.9
95.8	4.63	4.63	4.62	4.61	4.60	4.60	4.59	4.58	4.58	4.57	4.57	4.56	4.56	4.55	4.55	95.8
95.7	4.64	4.64	4.63	4.62	4.61	4.60	4.60	4.59	4.58	4.58	4.58	4.57	4.57	4.56	4.56	95.7
95.6	4.65	4.64	4.64	4.63	4.62	4.61	4.61	4.60	4.59	4.59	4.58	4.58	4.57	4.57	4.57	95.6
95.5	4.66	4.65	4.64	4.64	4.63	4.62	4.61	4.61	4.60	4.60	4.59	4.59	4.58	4.58	4.57	95.5
95.4	4.67	4.66	4.65	4.64	4.64	4.63	4.62	4.62	4.61	4.60	4.60	4.59	4.59	4.58	4.58	95.4
95.3	4.68	4.67	4.66	4.65	4.65	4.64	4.63	4.62	4.62	4.62	4.61	4.61	4.60	4.60	4.59	95.3
95.2	4.69	4.68	4.67	4.66	4.65	4.65	4.64	4.63	4.63	4.62	4.61	4.61	4.60	4.60	4.59	95.2
95.1	4.70	4.69	4.68	4.67	4.66	4.66	4.65	4.64	4.63	4.63	4.62	4.62	4.61	4.61	4.60	95.1
95.0	4.71	4.70	4.69	4.68	4.67	4.66	4.66	4.65	4.64	4.63	4.63	4.62	4.62	4.61	4.61	95.0

4 1/4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
100.0	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	4.25	100.0
99.9	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	99.9
99.8	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	4.26	99.8
99.7	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	99.7
99.6	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	4.27	99.6
99.5	4.29	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	4.28	99.5
99.4	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	99.4
99.3	4.30	4.30	4.30	4.30	4.30	4.30	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	4.29	99.3
99.2	4.31	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	4.30	99.2
99.1	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.30	4.30	4.30	99.1
99.0	4.32	4.32	4.32	4.32	4.32	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	4.31	99.0
98.9	4.33	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	98.9
98.8	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.32	4.32	4.32	4.32	4.32	4.32	4.32	98.8
98.7	4.34	4.34	4.34	4.34	4.34	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	4.33	98.7
98.6	4.35	4.35	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.34	4.33	4.33	98.6
98.5	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.34	4.34	4.34	4.34	4.34	4.34	4.34	98.5
98.4	4.36	4.36	4.36	4.36	4.36	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	4.35	98.4
98.3	4.37	4.37	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.35	4.35	4.35	4.35	4.35	98.3
98.2	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	4.36	98.2
98.1	4.38	4.38	4.38	4.38	4.38	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	4.37	98.1
98.0	4.39	4.39	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.37	4.37	4.37	4.37	4.37	98.0
97.9	4.40	4.39	4.39	4.39	4.39	4.39	4.39	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	4.38	97.9
97.8	4.40	4.40	4.40	4.40	4.40	4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.39	4.38	97.8
97.7	4.41	4.41	4.41	4.41	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.39	4.39	4.39	4.39	4.39	97.7
97.6	4.42	4.41	4.41	4.41	4.41	4.41	4.41	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.40	4.39	97.6
97.5	4.42	4.42	4.42	4.42	4.42	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.41	4.40	4.40	97.5
97.4	4.43	4.43	4.43	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.41	4.41	4.41	4.41	4.41	97.4
97.3	4.44	4.44	4.43	4.43	4.43	4.43	4.43	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.42	4.41	97.3
97.2	4.44	4.44	4.44	4.44	4.44	4.44	4.43	4.43	4.43	4.43	4.43	4.43	4.42	4.42	4.42	4.42	97.2
97.1	4.45	4.45	4.45	4.45	4.44	4.44	4.44	4.44	4.44	4.44	4.43	4.43	4.43	4.43	4.43	4.43	97.1
97.0	4.46	4.46	4.45	4.45	4.45	4.45	4.45	4.44	4.44	4.44	4.44	4.44	4.44	4.44	4.43	4.43	97.0
96.9	4.47	4.46	4.46	4.46	4.46	4.45	4.45	4.45	4.45	4.45	4.45	4.44	4.44	4.44	4.44	4.44	96.9
96.8	4.47	4.47	4.47	4.47	4.46	4.46	4.46	4.46	4.46	4.45	4.45	4.45	4.45	4.45	4.45	4.44	96.8
96.7	4.48	4.48	4.48	4.47	4.47	4.47	4.47	4.46	4.46	4.46	4.46	4.46	4.46	4.45	4.45	4.45	96.7
96.6	4.49	4.48	4.48	4.48	4.48	4.47	4.47	4.47	4.47	4.47	4.47	4.46	4.46	4.46	4.46	4.46	96.6
96.5	4.50	4.49	4.49	4.49	4.48	4.48	4.48	4.48	4.48	4.47	4.47	4.47	4.47	4.47	4.46	4.46	96.5
96.4	4.50	4.50	4.50	4.49	4.49	4.49	4.49	4.48	4.48	4.48	4.48	4.47	4.47	4.47	4.47	4.47	96.4
96.3	4.51	4.51	4.50	4.50	4.50	4.49	4.49	4.49	4.49	4.49	4.49	4.48	4.48	4.48	4.48	4.48	96.3
96.2	4.52	4.51	4.51	4.51	4.50	4.50	4.50	4.50	4.49	4.49	4.49	4.49	4.49	4.49	4.49	4.48	96.2
96.1	4.52	4.52	4.52	4.51	4.51	4.51	4.51	4.50	4.50	4.50	4.50	4.50	4.49	4.49	4.49	4.49	96.1
96.0	4.53	4.53	4.52	4.52	4.52	4.51	4.51	4.51	4.51	4.51	4.50	4.50	4.50	4.50	4.50	4.49	96.0
95.9	4.54	4.54	4.53	4.53	4.53	4.52	4.52	4.52	4.51	4.51	4.51	4.51	4.50	4.50	4.50	4.50	95.9
95.8	4.55	4.54	4.54	4.53	4.53	4.53	4.53	4.52	4.52	4.52	4.52	4.52	4.51	4.51	4.51	4.51	95.8
95.7	4.55	4.55	4.55	4.54	4.54	4.54	4.53	4.53	4.53	4.53	4.52	4.52	4.52	4.52	4.52	4.51	95.7
95.6	4.56	4.56	4.55	4.55	4.55	4.55	4.54	4.54	4.53	4.53	4.53	4.53	4.53	4.52	4.52	4.52	95.6
95.5	4.57	4.56	4.56	4.56	4.55	4.55	4.55	4.54	4.54	4.54	4.54	4.53	4.53	4.53	4.53	4.53	95.5
95.4	4.58	4.57	4.57	4.56	4.56	4.56	4.55	4.55	4.55	4.55	4.54	4.54	4.54	4.54	4.53	4.53	95.4
95.3	4.58	4.58	4.57	4.57	4.57	4.56	4.56	4.56	4.55	4.55	4.55	4.55	4.54	4.54	4.54	4.54	95.3
95.2	4.59	4.59	4.58	4.58	4.57	4.57	4.57	4.56	4.56	4.56	4.55	4.55	4.55	4.55	4.55	4.55	95.2
95.1	4.60	4.59	4.59	4.58	4.58	4.58	4.57	4.57	4.57	4.57	4.57	4.56	4.56	4.56	4.55	4.55	95.1
95.0	4.60	4.60	4.60	4.59	4.58	4.58	4.58	4.57	4.57	4.57	4.57	4.57	4.56	4.56	4.56	4.55	95.0

4 1/4 % Bond—Interest payable semi-annually
RATES OF INTEREST REALIZED
 if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	8	8 1/2	9	9 1/2	10	10 1/2	11	11 1/2	12	12 1/2	13	13 1/2	14	14 1/2	15	
05.0	5.02	4.98	4.94	4.91	4.89	4.86	4.84	4.82	4.80	4.79	4.77	4.76	4.74	4.73	4.72	05.0
94.9	5.03	4.99	4.96	4.93	4.90	4.88	4.85	4.83	4.82	4.80	4.78	4.77	4.75	4.74	4.73	94.9
94.8	5.05	5.01	4.97	4.94	4.91	4.89	4.87	4.85	4.83	4.81	4.79	4.78	4.76	4.75	4.74	94.8
94.7	5.06	5.02	4.99	4.96	4.93	4.90	4.88	4.86	4.84	4.82	4.80	4.79	4.77	4.76	4.75	94.7
94.6	5.08	5.04	5.00	4.97	4.94	4.92	4.89	4.87	4.85	4.83	4.81	4.80	4.78	4.77	4.76	94.6
94.5	5.10	5.05	5.02	4.98	4.95	4.93	4.90	4.88	4.86	4.84	4.82	4.81	4.79	4.78	4.77	94.5
94.4	5.11	5.07	5.03	5.00	4.97	4.94	4.92	4.89	4.87	4.85	4.83	4.82	4.80	4.79	4.78	94.4
94.3	5.13	5.08	5.05	5.01	4.98	4.95	4.93	4.90	4.88	4.86	4.85	4.83	4.81	4.80	4.79	94.3
94.2	5.14	5.10	5.06	5.03	4.99	4.97	4.94	4.92	4.90	4.88	4.86	4.84	4.83	4.81	4.80	94.2
94.1	5.16	5.11	5.08	5.04	5.01	4.98	4.95	4.93	4.91	4.89	4.87	4.85	4.84	4.82	4.81	94.1
94.0	5.18	5.13	5.09	5.05	5.02	4.99	4.96	4.94	4.92	4.90	4.88	4.86	4.85	4.83	4.82	94.0
93.9	5.19	5.15	5.10	5.07	5.03	5.00	4.98	4.95	4.93	4.91	4.89	4.87	4.86	4.84	4.83	93.9
93.8	5.21	5.16	5.12	5.08	5.05	5.02	4.99	4.96	4.94	4.92	4.90	4.88	4.87	4.85	4.84	93.8
93.7	5.22	5.18	5.13	5.10	5.06	5.03	5.00	4.98	4.95	4.93	4.91	4.89	4.88	4.86	4.85	93.7
93.6	5.24	5.19	5.15	5.11	5.07	5.04	5.01	4.99	4.96	4.94	4.92	4.90	4.89	4.87	4.86	93.6
93.5	5.26	5.21	5.16	5.12	5.09	5.06	5.03	5.00	4.98	4.95	4.93	4.92	4.90	4.88	4.87	93.5
93.4		5.22	5.18	5.14	5.10	5.07	5.04	5.01	4.99	4.97	4.94	4.93	4.91	4.89	4.87	93.4
93.3		5.24	5.19	5.15	5.11	5.08	5.05	5.02	5.00	4.98	4.96	4.94	4.92	4.90	4.88	93.3
93.2		5.25	5.21	5.16	5.13	5.09	5.06	5.04	5.01	4.99	4.97	4.95	4.93	4.91	4.89	93.2
93.1			5.22	5.18	5.14	5.11	5.08	5.05	5.02	5.00	4.98	4.96	4.94	4.92	4.90	93.1
93.0			5.24	5.19	5.15	5.12	5.09	5.06	5.03	5.01	4.99	4.97	4.95	4.93	4.91	93.0
92.9			5.25	5.21	5.17	5.13	5.10	5.07	5.05	5.02	5.00	4.98	4.96	4.94	4.92	92.9
92.8				5.22	5.18	5.15	5.11	5.08	5.06	5.03	5.01	4.99	4.97	4.95	4.93	92.8
92.7				5.23	5.19	5.16	5.13	5.10	5.07	5.04	5.02	5.00	4.98	4.96	4.94	92.7
92.6				5.25	5.21	5.17	5.14	5.11	5.08	5.06	5.03	5.01	4.99	4.97	4.95	92.6
92.5					5.22	5.19	5.15	5.12	5.09	5.07	5.04	5.02	5.00	4.98	4.97	92.5
92.4					5.24	5.20	5.16	5.13	5.10	5.08	5.06	5.03	5.01	4.99	4.98	92.4
92.3					5.25	5.21	5.18	5.15	5.12	5.09	5.07	5.04	5.02	5.00	4.99	92.3
92.2						5.22	5.19	5.16	5.13	5.10	5.08	5.06	5.03	5.01	5.00	92.2
92.1						5.24	5.20	5.17	5.14	5.11	5.09	5.07	5.04	5.02	5.01	92.1
92.0						5.25	5.21	5.18	5.15	5.12	5.10	5.08	5.05	5.03	5.02	92.0
91.9							5.23	5.19	5.16	5.14	5.11	5.09	5.06	5.04	5.03	91.9
91.8							5.24	5.21	5.18	5.15	5.12	5.10	5.08	5.05	5.04	91.8
91.7							5.25	5.22	5.19	5.16	5.13	5.11	5.09	5.07	5.05	91.7
91.6								5.23	5.20	5.17	5.14	5.12	5.10	5.08	5.06	91.6
91.5								5.24	5.21	5.18	5.16	5.13	5.11	5.09	5.07	91.5
91.4								5.26	5.22	5.19	5.17	5.14	5.12	5.10	5.08	91.4
91.3								5.24	5.21	5.18	5.15	5.13	5.11	5.09	5.07	91.3
91.2								5.25	5.22	5.19	5.16	5.14	5.12	5.10	5.08	91.2
91.1									5.23	5.20	5.17	5.15	5.13	5.11	5.09	91.1
91.0									5.24	5.21	5.18	5.16	5.14	5.12	5.10	91.0
90.9									5.25	5.22	5.20	5.17	5.15	5.13	5.11	90.9
90.8										5.23	5.21	5.18	5.16	5.14	5.12	90.8
90.7										5.25	5.22	5.19	5.17	5.15	5.13	90.7
90.6											5.23	5.20	5.18	5.16	5.14	90.6
90.5												5.24	5.21	5.19	5.17	90.5
90.4												5.25	5.22	5.20	5.18	90.4
90.3													5.24	5.21	5.19	90.3
90.2														5.23	5.20	90.2
90.1															5.22	90.1

4 1/4 % Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½	
95.6	4.71	4.70	4.69	4.68	4.67	4.66	4.66	4.65	4.64	4.64	4.63	4.62	4.62	4.61	4.61	95.6
94.9	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.66	4.65	4.64	4.64	4.63	4.63	4.62	4.62	94.9
94.8	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.66	4.66	4.65	4.65	4.64	4.63	4.63	4.62	94.8
94.7	4.74	4.73	4.72	4.71	4.70	4.69	4.68	4.67	4.67	4.66	4.65	4.65	4.64	4.64	4.63	94.7
94.6	4.75	4.74	4.72	4.72	4.71	4.70	4.69	4.68	4.67	4.67	4.66	4.66	4.65	4.64	4.64	94.6
94.5	4.76	4.75	4.73	4.73	4.72	4.71	4.70	4.69	4.68	4.68	4.67	4.66	4.66	4.65	4.65	94.5
94.4	4.77	4.76	4.74	4.73	4.72	4.72	4.71	4.70	4.69	4.68	4.68	4.67	4.66	4.66	4.65	94.4
94.3	4.78	4.76	4.75	4.74	4.73	4.72	4.71	4.71	4.70	4.69	4.68	4.68	4.67	4.67	4.66	94.3
94.2	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.72	4.71	4.70	4.69	4.69	4.68	4.67	4.67	94.2
94.1	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.72	4.71	4.70	4.69	4.69	4.68	4.68	94.1
94.0	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.72	4.71	4.70	4.70	4.69	4.68	94.0
93.9	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.72	4.71	4.70	4.70	4.69	93.9
93.8	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.72	4.72	4.71	4.71	4.70	93.8
93.7	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.76	4.75	4.74	4.73	4.73	4.72	4.71	4.71	93.7
93.6	4.84	4.83	4.82	4.81	4.80	4.79	4.77	4.77	4.76	4.75	4.74	4.73	4.73	4.72	4.71	93.6
93.5	4.85	4.84	4.83	4.82	4.80	4.79	4.78	4.77	4.77	4.76	4.75	4.74	4.74	4.73	4.72	93.5
93.4	4.86	4.85	4.84	4.82	4.81	4.80	4.79	4.78	4.77	4.77	4.76	4.75	4.74	4.74	4.73	93.4
93.3	4.87	4.86	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.77	4.76	4.75	4.74	4.74	93.3
93.2	4.88	4.87	4.85	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.77	4.76	4.75	4.74	93.2
93.1	4.89	4.88	4.86	4.85	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.77	4.76	4.75	93.1
93.0	4.90	4.89	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.80	4.79	4.78	4.77	4.77	4.76	93.0
92.9	4.91	4.90	4.88	4.87	4.86	4.85	4.83	4.82	4.82	4.81	4.80	4.79	4.78	4.77	4.77	92.9
92.8	4.92	4.91	4.89	4.88	4.87	4.86	4.84	4.83	4.82	4.81	4.81	4.80	4.79	4.78	4.78	92.8
92.7	4.93	4.91	4.90	4.89	4.88	4.86	4.85	4.84	4.83	4.82	4.81	4.81	4.80	4.79	4.78	92.7
92.6	4.94	4.92	4.91	4.90	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.81	4.80	4.79	92.6
92.5	4.95	4.93	4.92	4.91	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.81	4.80	92.5
92.4	4.96	4.94	4.93	4.92	4.90	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	4.81	92.4
92.3	4.97	4.95	4.94	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	92.3
92.2	4.98	4.96	4.95	4.93	4.92	4.91	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	4.81	92.2
92.1	4.99	4.97	4.96	4.94	4.93	4.92	4.90	4.89	4.88	4.87	4.86	4.85	4.84	4.83	4.82	92.1
92.0	5.00	4.98	4.97	4.95	4.94	4.93	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.85	4.84	92.0
91.9	5.01	4.99	4.98	4.96	4.95	4.94	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	4.85	91.9
91.8	5.02	5.00	4.99	4.97	4.96	4.94	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.86	4.85	91.8
91.7	5.03	5.01	4.99	4.98	4.97	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.88	4.87	4.86	91.7
91.6	5.04	5.02	5.00	4.99	4.97	4.96	4.95	4.94	4.92	4.91	4.90	4.89	4.88	4.87	4.86	91.6
91.5	5.05	5.03	5.01	5.00	4.98	4.97	4.96	4.95	4.93	4.92	4.91	4.90	4.89	4.89	4.88	91.5
91.4	5.06	5.04	5.02	5.01	4.99	4.98	4.97	4.95	4.94	4.93	4.92	4.91	4.90	4.89	4.88	91.4
91.3	5.07	5.05	5.03	5.02	5.00	4.99	4.98	4.96	4.95	4.94	4.93	4.92	4.91	4.90	4.89	91.3
91.2	5.08	5.06	5.04	5.03	5.01	5.00	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.91	4.90	91.2
91.1	5.09	5.07	5.05	5.04	5.02	5.01	4.99	4.98	4.97	4.96	4.95	4.94	4.93	4.92	4.91	91.1
91.0	5.10	5.08	5.06	5.05	5.03	5.02	5.00	4.99	4.98	4.96	4.95	4.94	4.93	4.92	4.92	91.0
90.9	5.11	5.09	5.07	5.06	5.04	5.03	5.01	5.00	4.98	4.97	4.96	4.95	4.94	4.93	4.92	90.9
90.8	5.12	5.10	5.08	5.06	5.05	5.03	5.02	5.01	4.99	4.98	4.97	4.96	4.95	4.94	4.93	90.8
90.7	5.13	5.11	5.09	5.07	5.06	5.04	5.03	5.01	5.00	4.99	4.98	4.97	4.96	4.95	4.94	90.7
90.6	5.14	5.12	5.10	5.08	5.07	5.05	5.04	5.02	5.01	5.00	4.99	4.98	4.97	4.96	4.95	90.6
90.5	5.15	5.13	5.11	5.09	5.08	5.06	5.05	5.03	5.02	5.01	5.00	4.99	4.98	4.96	4.96	90.5
90.4	5.16	5.14	5.12	5.10	5.09	5.07	5.06	5.04	5.03	5.02	5.00	4.99	4.98	4.97	4.96	90.4
90.3	5.17	5.15	5.13	5.11	5.09	5.08	5.07	5.05	5.04	5.02	5.01	5.00	4.99	4.98	4.97	90.3
90.2	5.18	5.16	5.14	5.12	5.10	5.09	5.07	5.06	5.05	5.03	5.02	5.01	5.00	4.99	4.98	90.2
90.1	5.19	5.17	5.15	5.13	5.11	5.10	5.08	5.07	5.06	5.04	5.03	5.02	5.01	5.00	4.99	90.1
90.0	5.20	5.18	5.16	5.14	5.12	5.11	5.09	5.08	5.07	5.05	5.04	5.03	5.02	5.01	5.00	90.0

Prices below 90 these years—See page 41

4 1/4 % Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN																		Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30				
95.0	4.60	4.60	4.60	4.59	4.59	4.58	4.58	4.58	4.57	4.57	4.57	4.56	4.56	4.56	4.56	95.0			
94.9	4.61	4.61	4.60	4.60	4.60	4.59	4.59	4.58	4.58	4.58	4.57	4.57	4.57	4.57	4.56	94.9			
94.8	4.62	4.61	4.61	4.61	4.60	4.60	4.59	4.59	4.59	4.59	4.58	4.58	4.57	4.57	4.57	94.8			
94.7	4.63	4.62	4.62	4.61	4.61	4.61	4.60	4.60	4.59	4.59	4.59	4.58	4.58	4.58	4.58	94.7			
94.6	4.63	4.63	4.62	4.62	4.62	4.61	4.61	4.60	4.60	4.60	4.59	4.59	4.59	4.59	4.58	94.6			
94.5	4.64	4.64	4.63	4.63	4.62	4.62	4.62	4.61	4.61	4.61	4.60	4.60	4.59	4.59	4.59	94.5			
94.4	4.65	4.64	4.64	4.63	4.63	4.63	4.62	4.62	4.61	4.61	4.61	4.60	4.60	4.60	4.60	94.4			
94.3	4.66	4.65	4.65	4.64	4.64	4.63	4.63	4.63	4.62	4.62	4.61	4.61	4.61	4.60	4.60	94.3			
94.2	4.66	4.66	4.65	4.65	4.64	4.64	4.64	4.63	4.63	4.62	4.62	4.62	4.61	4.61	4.61	94.2			
94.1	4.67	4.66	4.66	4.66	4.65	4.65	4.64	4.64	4.64	4.63	4.63	4.62	4.62	4.62	4.62	94.1			
94.0	4.68	4.67	4.67	4.66	4.66	4.65	4.65	4.65	4.64	4.64	4.63	4.63	4.63	4.62	4.62	94.0			
93.9	4.69	4.68	4.67	4.67	4.67	4.66	4.66	4.65	4.65	4.64	4.64	4.64	4.63	4.63	4.63	93.9			
93.8	4.69	4.69	4.68	4.68	4.67	4.67	4.66	4.66	4.66	4.65	4.65	4.64	4.64	4.64	4.64	93.8			
93.7	4.70	4.69	4.69	4.68	4.68	4.68	4.67	4.67	4.66	4.66	4.65	4.65	4.65	4.64	4.64	93.7			
93.6	4.71	4.70	4.70	4.69	4.69	4.68	4.68	4.67	4.67	4.67	4.66	4.66	4.65	4.65	4.65	93.6			
93.5	4.72	4.71	4.70	4.70	4.69	4.69	4.68	4.68	4.68	4.67	4.67	4.66	4.66	4.66	4.66	93.5			
93.4	4.72	4.72	4.71	4.71	4.70	4.70	4.69	4.69	4.68	4.68	4.67	4.67	4.67	4.67	4.66	93.4			
93.3	4.73	4.73	4.72	4.71	4.71	4.70	4.70	4.69	4.69	4.69	4.68	4.68	4.67	4.67	4.67	93.3			
93.2	4.74	4.73	4.73	4.72	4.72	4.71	4.70	4.70	4.70	4.69	4.69	4.68	4.68	4.68	4.67	93.2			
93.1	4.75	4.74	4.73	4.73	4.72	4.72	4.71	4.71	4.70	4.70	4.70	4.69	4.69	4.68	4.68	93.1			
93.0	4.75	4.75	4.74	4.74	4.73	4.72	4.72	4.71	4.71	4.71	4.70	4.70	4.69	4.69	4.69	93.0			
92.9	4.76	4.76	4.75	4.74	4.74	4.73	4.73	4.72	4.72	4.71	4.71	4.70	4.70	4.70	4.69	92.9			
92.8	4.77	4.76	4.76	4.75	4.74	4.74	4.73	4.73	4.72	4.72	4.71	4.71	4.71	4.70	4.70	92.8			
92.7	4.78	4.77	4.76	4.76	4.75	4.75	4.74	4.74	4.73	4.73	4.72	4.72	4.71	4.71	4.71	92.7			
92.6	4.78	4.78	4.77	4.77	4.76	4.75	4.75	4.74	4.74	4.73	4.73	4.73	4.72	4.72	4.71	92.6			
92.5	4.79	4.79	4.78	4.77	4.77	4.76	4.76	4.75	4.75	4.74	4.74	4.73	4.73	4.72	4.72	92.5			
92.4	4.80	4.79	4.79	4.78	4.77	4.77	4.76	4.76	4.75	4.75	4.74	4.74	4.73	4.73	4.73	92.4			
92.3	4.81	4.80	4.79	4.79	4.78	4.78	4.77	4.76	4.76	4.76	4.75	4.75	4.74	4.74	4.73	92.3			
92.2	4.81	4.81	4.80	4.80	4.79	4.78	4.78	4.77	4.77	4.76	4.76	4.75	4.75	4.74	4.74	92.2			
92.1	4.82	4.81	4.81	4.80	4.80	4.79	4.78	4.78	4.77	4.77	4.76	4.76	4.76	4.75	4.75	92.1			
92.0	4.83	4.82	4.82	4.81	4.80	4.80	4.79	4.79	4.78	4.78	4.77	4.77	4.76	4.76	4.76	92.0			
91.9	4.84	4.83	4.82	4.82	4.81	4.81	4.80	4.79	4.79	4.78	4.78	4.77	4.77	4.76	4.76	91.9			
91.8	4.85	4.84	4.83	4.82	4.82	4.81	4.81	4.80	4.79	4.79	4.78	4.78	4.78	4.77	4.77	91.8			
91.7	4.85	4.85	4.84	4.83	4.83	4.82	4.81	4.81	4.80	4.80	4.79	4.79	4.78	4.78	4.77	91.7			
91.6	4.86	4.85	4.85	4.84	4.83	4.83	4.82	4.81	4.81	4.80	4.80	4.79	4.79	4.78	4.78	91.6			
91.5	4.87	4.86	4.85	4.85	4.84	4.83	4.83	4.82	4.82	4.81	4.81	4.80	4.80	4.79	4.79	91.5			
91.4	4.88	4.87	4.86	4.85	4.85	4.84	4.84	4.83	4.82	4.82	4.81	4.81	4.80	4.80	4.79	91.4			
91.3	4.88	4.88	4.87	4.86	4.85	4.85	4.84	4.84	4.83	4.83	4.82	4.81	4.81	4.80	4.80	91.3			
91.2	4.89	4.88	4.88	4.87	4.86	4.86	4.85	4.84	4.84	4.83	4.83	4.82	4.81	4.81	4.81	91.2			
91.1	4.90	4.89	4.88	4.88	4.87	4.86	4.86	4.85	4.84	4.84	4.83	4.83	4.82	4.82	4.81	91.1			
91.0	4.91	4.90	4.89	4.88	4.88	4.87	4.86	4.86	4.85	4.85	4.84	4.83	4.83	4.82	4.82	91.0			
90.9	4.92	4.91	4.90	4.89	4.88	4.88	4.87	4.87	4.86	4.85	4.85	4.84	4.84	4.83	4.83	90.9			
90.8	4.92	4.92	4.91	4.90	4.89	4.88	4.88	4.87	4.87	4.86	4.85	4.85	4.84	4.84	4.83	90.8			
90.7	4.93	4.92	4.91	4.91	4.90	4.89	4.89	4.88	4.87	4.87	4.86	4.86	4.85	4.85	4.84	90.7			
90.6	4.94	4.93	4.92	4.91	4.91	4.90	4.89	4.89	4.88	4.87	4.87	4.86	4.86	4.85	4.85	90.6			
90.5	4.95	4.94	4.93	4.92	4.91	4.91	4.90	4.89	4.89	4.88	4.88	4.87	4.86	4.86	4.86	90.5			
90.4	4.95	4.95	4.94	4.94	4.92	4.91	4.91	4.90	4.90	4.89	4.88	4.88	4.87	4.87	4.86	90.4			
90.3	4.96	4.95	4.95	4.94	4.93	4.92	4.91	4.91	4.90	4.90	4.89	4.88	4.88	4.87	4.87	90.3			
90.2	4.97	4.96	4.95	4.94	4.94	4.93	4.92	4.92	4.91	4.90	4.90	4.89	4.89	4.88	4.88	90.2			
90.1	4.98	4.97	4.96	4.95	4.94	4.94	4.93	4.92	4.92	4.91	4.90	4.90	4.89	4.89	4.88	90.1			
90.0	4.99	4.98	4.97	4.96	4.95	4.94	4.94	4.93	4.92	4.92	4.91	4.91	4.90	4.89	4.89	90.0			

Prices below 90 these years—See page 42

4 1/4 % Bond—Interest payable semi-annually**RATES OF INTEREST REALIZED**

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price	
	15½	16	16½	17	17½	18	18½	19	19½	20	20½	21	21½	22	22½		
90.0	5.20	5.18	5.16	5.14	5.12	5.11	5.09	5.08	5.06	5.05	5.04	5.03	5.02	5.00	4.99	90.0	
89.9	5.21	5.19	5.17	5.15	5.13	5.12	5.10	5.09	5.07	5.06	5.05	5.03	5.02	5.01	5.00	89.9	
89.8	5.22	5.20	5.18	5.16	5.14	5.12	5.11	5.09	5.08	5.07	5.06	5.04	5.03	5.02	5.01	89.8	
89.7	5.23	5.21	5.19	5.17	5.15	5.13	5.12	5.10	5.09	5.08	5.06	5.05	5.04	5.03	5.02	89.7	
89.6	5.24	5.22	5.20	5.18	5.16	5.14	5.13	5.11	5.10	5.08	5.07	5.06	5.05	5.04	5.03	89.6	
89.5	5.25	5.23	5.21	5.19	5.17	5.15	5.14	5.12	5.11	5.09	5.08	5.07	5.06	5.05	5.04	89.5	
89.4		5.23	5.22	5.20	5.18	5.16	5.15	5.13	5.12	5.10	5.09	5.08	5.07	5.05	5.04	89.4	
89.3		5.24	5.23	5.21	5.19	5.17	5.16	5.14	5.12	5.11	5.10	5.08	5.07	5.06	5.05	89.3	
89.2		5.25	5.24	5.22	5.20	5.18	5.16	5.15	5.13	5.12	5.11	5.09	5.08	5.07	5.06	89.2	
89.1			5.25	5.23	5.21	5.19	5.17	5.16	5.14	5.13	5.12	5.10	5.09	5.08	5.07	89.1	
89.0				5.24	5.22	5.20	5.18	5.17	5.15	5.14	5.12	5.11	5.10	5.09	5.08	89.0	
88.9				5.25	5.23	5.21	5.19	5.18	5.16	5.14	5.13	5.12	5.11	5.09	5.08	88.9	
88.8					5.23	5.22	5.20	5.18	5.17	5.15	5.14	5.13	5.11	5.10	5.09	88.8	
88.7					5.24	5.23	5.21	5.19	5.18	5.16	5.15	5.14	5.12	5.11	5.10	88.7	
88.6					5.25	5.23	5.22	5.20	5.19	5.17	5.16	5.14	5.13	5.12	5.11	88.6	
88.5						5.24	5.23	5.21	5.20	5.18	5.17	5.15	5.14	5.13	5.12	88.5	
88.4						5.25	5.24	5.22	5.20	5.19	5.18	5.16	5.15	5.14	5.13	88.4	
88.3							5.25	5.23	5.21	5.20	5.18	5.17	5.16	5.14	5.13	88.3	
88.2								5.24	5.22	5.21	5.19	5.18	5.17	5.15	5.14	88.2	
88.1								5.25	5.23	5.22	5.20	5.19	5.17	5.16	5.15	88.1	
88.0									5.24	5.22	5.21	5.20	5.18	5.17	5.16	88.0	
87.9									5.25	5.23	5.22	5.20	5.19	5.18	5.17	87.9	
87.8										5.24	5.23	5.21	5.20	5.19	5.17	87.8	
87.7										5.25	5.24	5.22	5.21	5.20	5.18	87.7	
87.6											5.24	5.23	5.22	5.20	5.19	87.6	
87.5											5.25	5.24	5.23	5.21	5.20	87.5	
87.4												5.25	5.23	5.22	5.21	87.4	
87.3													5.24	5.23	5.22	87.3	
87.2														5.25	5.24	5.22	87.2
87.1															5.25	5.23	87.1
87.0																5.24	87.0
86.9																5.25	86.9
86.8																	86.8
86.7																	86.7
86.6																	86.6
86.5																	86.5
86.4																	86.4
86.3																	86.3
86.2																	86.2
86.1																	86.1
86.0																	86.0
85.9																	85.9
85.8																	85.8
85.7																	85.7
85.6																	85.6
85.5																	85.5
85.4																	85.4
85.3																	85.3
85.2																	85.2
85.1																	85.1
85.0																	85.0

Rates of interest realized above 5.25%
not tabulated

4 1/4 % Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN																Price
	23	23½	24	24½	25	25½	26	26½	27	27½	28	28½	29	29½	30		
90.0	4.99	4.98	4.97	4.96	4.95	4.94	4.94	4.93	4.92	4.92	4.91	4.91	4.90	4.89	4.89	90.0	
89.9	4.99	4.98	4.98	4.97	4.96	4.95	4.94	4.94	4.93	4.93	4.92	4.91	4.91	4.90	4.90	89.9	
89.8	5.00	4.99	4.98	4.98	4.97	4.96	4.95	4.94	4.94	4.93	4.93	4.92	4.91	4.91	4.90	89.8	
89.7	5.01	5.00	4.99	4.98	4.97	4.97	4.96	4.95	4.95	4.94	4.93	4.93	4.92	4.92	4.91	89.7	
89.6	5.02	5.01	5.00	4.99	4.98	4.98	4.97	4.96	4.95	4.95	4.94	4.93	4.93	4.92	4.92	89.6	
89.5	5.03	5.02	5.01	5.00	4.99	4.98	4.97	4.97	4.96	4.95	4.95	4.94	4.94	4.93	4.92	89.5	
89.4	5.03	5.02	5.01	5.01	5.00	4.99	4.98	4.97	4.97	4.96	4.95	4.95	4.94	4.94	4.93	89.4	
89.3	5.04	5.03	5.02	5.01	5.01	5.00	4.99	4.98	4.97	4.96	4.95	4.95	4.94	4.94	4.93	89.3	
89.2	5.05	5.04	5.03	5.02	5.01	5.00	5.00	4.99	4.98	4.98	4.97	4.96	4.96	4.95	4.94	89.2	
89.1	5.06	5.05	5.04	5.03	5.02	5.01	5.00	4.99	4.98	4.98	4.97	4.96	4.96	4.95	4.94	89.1	
89.0	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	5.00	4.99	4.98	4.98	4.97	4.96	4.96	89.0	
88.9	5.07	5.06	5.05	5.04	5.04	5.03	5.02	5.01	5.00	5.00	4.99	4.98	4.98	4.97	4.97	88.9	
88.8	5.08	5.07	5.06	5.05	5.04	5.03	5.02	5.01	5.00	5.00	4.99	4.98	4.98	4.97	4.97	88.8	
88.7	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.03	5.02	5.01	5.00	4.99	4.99	4.98	4.98	88.7	
88.6	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.03	5.02	5.01	5.00	5.00	4.99	4.99	88.6	
88.5	5.11	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.03	5.02	5.01	5.01	5.00	4.99	88.5	
88.4	5.11	5.10	5.09	5.08	5.07	5.07	5.06	5.05	5.04	5.03	5.03	5.02	5.01	5.01	5.00	88.4	
88.3	5.12	5.11	5.10	5.09	5.08	5.07	5.07	5.06	5.05	5.04	5.03	5.03	5.02	5.01	5.01	88.3	
88.2	5.13	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.03	5.02	5.01	5.01	88.2	
88.1	5.14	5.13	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.05	5.04	5.03	5.03	5.02	5.01	88.1	
88.0	5.15	5.14	5.12	5.11	5.11	5.10	5.09	5.08	5.07	5.06	5.06	5.05	5.04	5.03	5.03	88.0	
87.9	5.15	5.14	5.13	5.12	5.11	5.10	5.10	5.09	5.08	5.07	5.06	5.06	5.05	5.04	5.04	87.9	
87.8	5.16	5.15	5.14	5.13	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.06	5.05	5.05	5.04	87.8	
87.7	5.17	5.16	5.15	5.14	5.13	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.06	5.05	5.05	87.7	
87.6	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.11	5.10	5.09	5.08	5.07	5.06	5.06	5.05	87.6	
87.5	5.19	5.18	5.16	5.15	5.15	5.14	5.13	5.12	5.11	5.10	5.09	5.09	5.08	5.07	5.06	87.5	
87.4	5.20	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.12	5.11	5.10	5.09	5.08	5.08	5.07	87.4	
87.3	5.20	5.19	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.12	5.11	5.10	5.09	5.08	5.08	87.3	
87.2	5.21	5.20	5.19	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.12	5.11	5.10	5.09	5.09	87.2	
87.1	5.22	5.21	5.20	5.19	5.18	5.17	5.16	5.15	5.14	5.13	5.12	5.11	5.11	5.10	5.09	87.1	
87.0	5.23	5.22	5.20	5.19	5.18	5.17	5.16	5.15	5.15	5.14	5.13	5.12	5.11	5.11	5.10	87.0	
86.9	5.24	5.22	5.21	5.20	5.19	5.18	5.17	5.16	5.15	5.15	5.14	5.13	5.12	5.11	5.11	86.9	
86.8	5.24	5.23	5.22	5.21	5.20	5.19	5.18	5.17	5.16	5.15	5.15	5.14	5.13	5.12	5.11	86.8	
86.7	5.25	5.24	5.23	5.22	5.21	5.20	5.19	5.18	5.17	5.16	5.15	5.14	5.14	5.13	5.12	86.7	
86.6		5.25	5.24	5.23	5.22	5.21	5.20	5.19	5.18	5.17	5.16	5.15	5.14	5.14	5.13	86.6	
86.5			5.25	5.24	5.22	5.21	5.20	5.19	5.19	5.18	5.17	5.16	5.15	5.14	5.14	86.5	
86.4				5.24	5.23	5.22	5.21	5.20	5.19	5.18	5.18	5.17	5.16	5.15	5.14	86.4	
86.3				5.25	5.24	5.23	5.22	5.21	5.20	5.19	5.18	5.18	5.17	5.16	5.15	86.3	
86.2					5.25	5.24	5.23	5.22	5.21	5.20	5.19	5.18	5.17	5.17	5.16	86.2	
86.1						5.24	5.23	5.22	5.22	5.21	5.20	5.19	5.18	5.17	5.17	86.1	
86.0						5.25	5.24	5.23	5.22	5.21	5.21	5.20	5.19	5.18	5.17	86.0	
85.9							5.25	5.24	5.23	5.22	5.21	5.21	5.20	5.19	5.18	85.9	
85.8								5.25	5.24	5.23	5.22	5.21	5.21	5.20	5.19	85.8	
85.7									5.25	5.24	5.23	5.22	5.21	5.20	5.20	85.7	
85.6										5.24	5.24	5.23	5.22	5.21	5.20	85.6	
85.5											5.25	5.24	5.24	5.23	5.22	85.5	
85.4												5.25	5.24	5.24	5.23	85.4	
85.3													5.25	5.24	5.23	85.3	
85.2														5.25	5.24	85.2	
85.1															5.25	85.1	
85.0																85.0	

4½% Bond—Interest payable semi-annually **RATES OF INTEREST REALIZED** **if purchased at prices indicated and held to maturity**

YEARS TO RUN																
Price	1 mo.	2 mos.	4 mos.	6 mos.	8 mos.	10 mos.	1	1½	2	2½	3	3½	4	4½	5	Price
105.0												2.98	3.16	3.30	3.40	105.0
104.9												3.01	3.19	3.32	3.43	104.9
104.8												3.04	3.21	3.34	3.45	104.8
104.7												3.07	3.24	3.37	3.47	104.7
104.6												3.10	3.26	3.39	3.49	104.6
104.5												3.13	3.29	3.41	3.51	104.5
104.4												3.16	3.32	3.44	3.53	104.4
104.3											2.99	3.19	3.34	3.46	3.55	104.3
104.2											3.03	3.22	3.37	3.48	3.57	104.2
104.1											3.06	3.25	3.40	3.51	3.60	104.1
104.0											3.09	3.28	3.42	3.53	3.62	104.0
103.9											3.13	3.31	3.45	3.55	3.64	103.9
103.8											3.16	3.34	3.47	3.58	3.66	103.8
103.7											3.20	3.37	3.50	3.60	3.68	103.7
103.6										3.00	3.23	3.40	3.53	3.63	3.70	103.6
103.5											3.04	3.27	3.43	3.55	3.65	103.5
103.4											3.08	3.30	3.46	3.58	3.67	103.4
103.3											3.12	3.34	3.49	3.61	3.70	103.3
103.2											3.16	3.37	3.52	3.63	3.72	103.2
103.1											3.20	3.41	3.55	3.66	3.74	103.1
103.0											3.24	3.44	3.58	3.69	3.77	103.0
102.9									3.00	3.28	3.47	3.61	3.71	3.79	3.86	102.9
102.8									3.05	3.32	3.51	3.64	3.74	3.82	3.88	102.8
102.7									3.10	3.36	3.54	3.67	3.77	3.84	3.90	102.7
102.6									3.15	3.41	3.58	3.70	3.79	3.87	3.92	102.6
102.5									3.20	3.45	3.61	3.73	3.82	3.89	3.94	102.5
102.4									3.25	3.49	3.65	3.76	3.85	3.91	3.97	102.4
102.3									3.30	3.53	3.68	3.79	3.87	3.94	3.99	102.3
102.2								2.99	3.35	3.57	3.72	3.82	3.90	3.96	4.01	102.2
102.1								3.06	3.40	3.61	3.75	3.85	3.93	3.99	4.03	102.1
102.0									3.12	3.46	3.66	3.79	3.88	3.95	4.01	102.0
101.9									3.19	3.51	3.70	3.82	3.91	3.98	4.03	101.9
101.8									3.26	3.56	3.74	3.86	3.94	4.01	4.06	101.8
101.7									3.33	3.61	3.78	3.89	3.98	4.04	4.08	101.7
101.6									3.40	3.66	3.82	3.93	4.01	4.06	4.11	101.6
101.5							2.97	3.47	3.71	3.86	3.96	4.04	4.09	4.13	4.16	101.5
101.4							3.07	3.53	3.77	3.91	4.00	4.07	4.12	4.16	4.19	101.4
101.3							2.91	3.17	3.60	3.82	3.95	4.04	4.10	4.14	4.18	101.3
101.2							3.03	3.27	3.67	3.87	3.99	4.07	4.13	4.17	4.21	101.2
101.1							3.15	3.37	3.74	3.92	4.03	4.11	4.16	4.20	4.23	101.1
101.0							2.97	3.27	3.47	3.81	3.97	4.08	4.14	4.19	4.23	101.0
100.9							3.12	3.39	3.58	3.88	4.03	4.12	4.18	4.22	4.25	100.9
100.8							2.88	3.27	3.51	3.68	3.95	4.08	4.16	4.21	4.25	100.8
100.7							3.08	3.42	3.63	3.78	4.01	4.13	4.20	4.25	4.28	100.7
100.6							3.28	3.57	3.76	3.88	4.08	4.18	4.24	4.28	4.31	100.6
100.5							2.97	3.48	3.73	3.88	3.99	4.15	4.24	4.29	4.32	100.5
100.4							3.27	3.69	3.88	4.00	4.09	4.22	4.29	4.33	4.36	100.4
100.3							2.66	3.57	3.89	4.03	4.12	4.19	4.29	4.34	4.37	100.3
100.2							2.07	3.26	3.88	4.09	4.18	4.25	4.29	4.36	4.39	100.2
100.1							3.26	3.86	4.18	4.30	4.34	4.37	4.40	4.43	4.45	100.1
100.0	4*46	4*47	4*48	4.50	4*49	4*49	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	100.0

*See note above.

4½% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

If purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	1 mo.	2 mos.	4 mos.	6 mos.	8 mos.	10 mos.	1	1½	2	2½	3	3½	4	4½	5	
100.0	4*46	4*47	4*48	4.50	4*49	4*49	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	4.50	100.0
99.9	5.67	5.07	4.79	4.70	4.65	4.62	4.60	4.57	4.55	4.54	4.54	4.53	4.53	4.52	4.52	99.9
99.8		5.68	5.09	4.91	4.80	4.74	4.71	4.64	4.61	4.59	4.57	4.56	4.56	4.55	4.54	99.8
99.7			5.40	5.12	4.95	4.86	4.81	4.71	4.66	4.63	4.61	4.59	4.58	4.57	4.57	99.7
99.6				5.32	5.11	4.99	4.91	4.78	4.71	4.67	4.64	4.62	4.61	4.60	4.59	99.6
99.5					5.26	5.11	5.02	4.85	4.77	4.71	4.68	4.66	4.64	4.62	4.61	99.5
99.4						5.24	5.12	4.92	4.82	4.76	4.72	4.69	4.67	4.65	4.63	99.4
99.3						5.36	5.23	4.99	4.87	4.80	4.75	4.72	4.69	4.67	4.66	99.3
99.2							5.33	5.06	4.93	4.84	4.79	4.75	4.72	4.70	4.68	99.2
99.1								5.13	4.98	4.89	4.83	4.78	4.75	4.72	4.70	99.1
99.0								5.20	5.03	4.93	4.86	4.81	4.78	4.75	4.73	99.0
98.9								5.27	5.09	4.97	4.90	4.85	4.81	4.78	4.75	98.9
98.8									5.14	5.02	4.93	4.88	4.83	4.80	4.77	98.8
98.7									5.19	5.06	4.97	4.91	4.86	4.83	4.79	98.7
98.6									5.25	5.10	5.01	4.94	4.89	4.85	4.82	98.6
98.5										5.15	5.04	4.97	4.92	4.88	4.84	98.5
98.4										5.19	5.08	5.00	4.95	4.90	4.86	98.4
98.3										5.24	5.12	5.04	4.97	4.93	4.89	98.3
98.2										5.28	5.15	5.07	5.00	4.95	4.91	98.2
98.1											5.19	5.10	5.03	4.98	4.93	98.1
98.0											5.23	5.13	5.06	5.00	4.96	98.0
97.9											5.27	5.16	5.09	5.03	4.98	97.9
97.8												5.20	5.11	5.05	5.00	97.8
97.7												5.23	5.14	5.08	5.03	97.7
97.6												5.26	5.17	5.10	5.05	97.6
97.5													5.20	5.13	5.07	97.5
97.4													5.23	5.16	5.10	97.4
97.3													5.26	5.19	5.12	97.3
97.2														5.21	5.14	97.2
97.1														5.23	5.16	97.1
97.0														5.26	5.19	97.0
96.9															5.21	96.9
96.8															5.23	96.8
96.7															5.26	96.7
96.6																96.6
96.5																96.5
96.4																96.4
96.3																96.3
96.2																96.2
96.1																96.1
96.0																96.0

* When the interval between the date of purchase and the due date of the next coupon is less than 6 months, the rate realized is less than the bond rate because the purchase price (par) has been increased by accrued interest.

43/4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	1 mo.	2 mos.	4 mos.	6 mos.	8 mos.	10 mos.	1	1½	2	2½	3	3½	4	4½	5	
105.0											2.99	3.23	3.40	3.54	3.65	105.0
104.9											3.03	3.26	3.43	3.56	3.67	104.9
104.8											3.06	3.29	3.45	3.59	3.69	104.8
104.7											3.10	3.32	3.48	3.61	3.71	104.7
104.6											3.13	3.35	3.51	3.63	3.73	104.6
104.5											3.17	3.38	3.53	3.66	3.75	104.5
104.4											3.20	3.41	3.56	3.68	3.78	104.4
104.3											3.23	3.44	3.59	3.70	3.80	104.3
104.2										2.99	3.27	3.47	3.61	3.73	3.82	104.2
104.1										3.04	3.30	3.50	3.64	3.75	3.84	104.1
104.0										3.08	3.34	3.53	3.67	3.78	3.86	104.0
103.9										3.12	3.37	3.56	3.69	3.80	3.88	103.9
103.8										3.16	3.41	3.59	3.72	3.82	3.91	103.8
103.7										3.20	3.44	3.62	3.75	3.85	3.93	103.7
103.6										3.24	3.48	3.65	3.77	3.87	3.95	103.6
103.5										3.28	3.51	3.68	3.80	3.89	3.97	103.5
103.4										2.99	3.32	3.54	3.71	3.82	3.92	103.4
103.3										3.04	3.36	3.58	3.74	3.85	3.94	103.3
103.2										3.09	3.40	3.61	3.77	3.88	3.97	103.2
103.1										3.14	3.44	3.65	3.80	3.91	3.99	103.1
103.0										3.19	3.49	3.68	3.83	3.93	4.01	103.0
102.9										3.24	3.53	3.72	3.86	3.96	4.04	102.9
102.8										3.29	3.57	3.75	3.89	3.99	4.06	102.8
102.7										3.34	3.61	3.79	3.92	4.01	4.09	102.7
102.6									2.97	3.39	3.65	3.82	3.95	4.04	4.11	102.6
102.5									3.03	3.45	3.69	3.86	3.98	4.07	4.13	102.5
102.4									3.10	3.50	3.74	3.90	4.01	4.09	4.16	102.4
102.3									3.17	3.55	3.78	3.93	4.04	4.12	4.18	102.3
102.2									3.24	3.60	3.82	3.97	4.07	4.15	4.21	102.2
102.1									3.30	3.65	3.86	4.00	4.10	4.17	4.23	102.1
102.0									3.37	3.70	3.90	4.04	4.13	4.20	4.26	102.0
101.9									3.44	3.76	3.94	4.07	4.16	4.23	4.28	101.9
101.8								2.91	3.51	3.81	3.99	4.11	4.19	4.26	4.30	101.8
101.7								3.01	3.58	3.86	4.03	4.14	4.22	4.28	4.33	101.7
101.6								3.11	3.64	3.91	4.07	4.18	4.25	4.31	4.35	101.6
101.5							2.91	3.21	3.71	3.96	4.11	4.21	4.28	4.34	4.38	101.5
101.4							3.03	3.32	3.78	4.02	4.15	4.25	4.31	4.37	4.40	101.4
101.3							3.15	3.42	3.85	4.07	4.20	4.28	4.35	4.39	4.43	101.3
101.2							2.91	3.27	3.52	3.92	4.12	4.24	4.32	4.38	4.42	101.2
101.1							3.06	3.39	3.62	3.99	4.17	4.28	4.35	4.41	4.45	101.1
101.0							3.22	3.52	3.72	4.06	4.22	4.32	4.39	4.44	4.47	101.0
100.9							2.92	3.37	3.64	3.82	4.13	4.28	4.37	4.43	4.47	100.9
100.8							3.13	3.52	3.76	3.93	4.19	4.33	4.41	4.46	4.50	100.8
100.7							3.33	3.67	3.88	4.03	4.26	4.38	4.45	4.50	4.53	100.7
100.6							2.92	3.53	3.82	4.00	4.13	4.33	4.49	4.53	4.56	100.6
100.5							3.22	3.73	3.97	4.13	4.23	4.40	4.49	4.54	4.57	100.5
100.4							3.52	3.93	4.13	4.25	4.34	4.47	4.54	4.58	4.61	100.4
100.3							3.82	4.14	4.28	4.37	4.44	4.54	4.59	4.62	4.64	100.3
100.2	2.31	3.61	4.12	4.34	4.43	4.50	4.64	4.61	4.64	4.66	4.68	4.69	4.70	4.71	4.72	100.2
100.1	3.50	4.11	4.43	4.55	4.59	4.62	4.65	4.68	4.70	4.71	4.71	4.72	4.72	4.73	4.73	100.1
100.0	4.70	4.71	4.75	4.75	4.74	4.74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	100.0

*When the interval between the date of purchase and the due date of the next coupon is less than 6 months, the rate realized is less than the bond rate because the purchase price (par) has been increased by accrued interest.

43/4% Bond—Interest payable semi-annually

RATES OF INTEREST REALIZED

if purchased at prices indicated and held to maturity

Price	YEARS TO RUN															Price
	1 mo.	2 mos.	4 mos.	6 mos.	8 mos.	10 mos.	1	1½	2	2½	3	3½	4	4½	5	
100.0	4*70	4*71	4*73	4.75	4*74	4*74	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	100.0
99.9	5.63	5.32	5.04	4.95	4.89	4.87	4.85	4.82	4.80	4.79	4.79	4.78	4.78	4.78	4.77	99.9
99.8			5.34	5.16	5.05	4.99	4.96	4.89	4.86	4.84	4.82	4.81	4.81	4.80	4.80	99.8
99.7				5.37	5.20	5.11	5.06	4.96	4.91	4.88	4.86	4.84	4.83	4.83	4.82	99.7
99.6					5.36	5.24	5.17	5.03	4.96	4.92	4.90	4.88	4.86	4.85	4.84	99.6
99.5						5.36	5.27	5.10	5.02	4.97	4.93	4.91	4.89	4.88	4.86	99.5
99.4								5.17	5.07	5.01	4.97	4.94	4.92	4.90	4.89	99.4
99.3								5.24	5.12	5.05	5.00	4.97	4.95	4.93	4.91	99.3
99.2								5.31	5.18	5.10	5.04	5.00	4.97	4.95	4.93	99.2
99.1								5.23	5.14	5.08	5.03	5.00	4.98	4.96		99.1
99.0									5.28	5.18	5.11	5.07	5.03	5.00	4.98	99.0
98.9										5.23	5.15	5.10	5.06	5.03	5.00	98.9
98.8										5.27	5.19	5.13	5.09	5.05	5.02	98.8
98.7											5.22	5.16	5.11	5.08	5.05	98.7
98.6											5.26	5.19	5.14	5.10	5.07	98.6
98.5												5.22	5.17	5.13	5.09	98.5
98.4												5.26	5.20	5.15	5.12	98.4
98.3													5.23	5.18	5.14	98.3
98.2														5.26	5.20	98.2
98.1															5.23	98.1
98.0															5.25	98.0
97.9															5.23	97.9
97.8															5.26	97.8

*When the interval between the date of purchase and the due date of the next coupon is less than 6 months, the rate realized is less than the bond rate because the purchase price (par) has been increased by accrued interest.

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and
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